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OMBUSTION of COAL, CHEMICALLY & PRACTICALLY

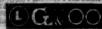


DENGINEERS, RAILWAY CONTRACTORS, &c.—The PATENT RIVET COMPANY OF ECUTIAND, 25, BROWN STREET, Ghagow, MANUFACTURE (under the supermisendence of the acting partner, Mr. Alexander O. Gilkam) all descriptions of BULLER and TANK RIVETS, WOOD SCREWS, SCREW BOLTS and NUCS, RAILWAY SPIKES, &c.

rded to all parts of the United Kir NOTICE TO THE CONSUMERS OF

(L) Ga

MESSRS. JOS. SYKES & SONS, SOLE CONTRACTORS
for, and ONLY IMPORTERS of, these descriptions of STEEL IRON, being determined to adopt every practicable expedient to protect the car trader to, and consumer or, and OALY IMPORTERS of, these descriptions of STEEL HON, bet to adopt every practicable expedient to protect the dair wader in, and conserver marks, HERED GIVE THE PUBLIC NOTICE, that, from the 35, no HON of the above marks has been, or will be, delivered by them, ddittonal mark of 1.8 YEES; being impressed thereon; such last-mes fing been, adopted.



NDREW SMITH'S PATENT WIRE ROPE
FOR MINING, RAILWAY, and SHIPPING PURPOSES.—The Royal yach
TORIA AND ALBERT, PENELOPE, VIRAGO, HERMES, and several other ship

Name, residence, and profession of a remove.

OFFICE FOR PATENTS, 7, STAPLE INN, HOLBORN, and PATENTERS, that as the OFFICE they can editable to fire. Hoberty informs INVENTORS and PATENTERS, that as his OFFICE they can editable.

(THE OSLY ONE RELEAST, which shows at one view all the Patents over granted for any particular object, whereby they may save, much trouble and expense, and process formation included the particular object, whereby they may save, much trouble and expense, and process formation for distinguished oblanding. BRITISH and FOREIGN PATENTS OBTAINED, and USEFUL and ORNAMENTAL DESIGNS REGISTERED.

SPECIFICATIONS carefully prepared, and REPORTS of ENROLLED SPECIFICATIONS furnished on moderate terms.

FINISHED and WORKING DRAWINGS executed with accuracy and despatch.

TO RAILWAY COMPANTES, ENGINEERS, AND MACHINISTS.—FENTON'S ANTI-FRICTION METAL—a CHEAP SUBSTITUTE for BRASS in the STEPS and BEARINGS of STEAM-ENGINES and MACHINERY—possesses the following ADYANTAGES compared with that metal:—Increased durability, diminished friction, and consequent saving in consumption of oil, cheapness in first cost, not only in price, but also by a less specific gravity. It has been in use for some time on many of the principal lines of railway in the country.

Ingots, at 66s, per cwt., may be obtained from the patentees.

Proceedings of Public Companies.

NEW BRITISH IRON COMPANY.

The first annual meeting of this company was held at the offices, in New Broad-street, City, on Tuesday, the 28th ult., and was well attended.

WILLIAM ROUTH, Esq., in the chair.

The advertisement calling the meeting, and the minutes of the former ig, were read.—The Chairman said, they would have seen by the meeting, were read.—The Charman said, they would have seen by the severtisement that this meeting had taken place in conformity with the provisions of the Deed of Settlement, which required that the accounts of the company should be made up to the 30th September, and that at some time in January, or before the end of February following, the general meeting of proprietors should be held, for which purpose they were now name to be submitted, as some points might arise, upon which he should be happy to give information, but he would just beg to observe, that the trade of the past year had presented rather a chequered character; upon the whole, however, the tendency was towards improvement. The result of that improvement was, that instead of subjecting the proprietors to heavy losses, as was the case under the old company, there had been something like a profit on the year's operations. There was reason for congratulating themselves on the present aspect of trade, which, for the last three months in particular, had materially brightened. He would now read the report, after which, he begged to repeat, that he should be happy to give any explanation that might be required.

The Charman then read the following report to the meeting:—

REFORT.

In the report which the provisional committee made to the proprietors on the 50th July

months in particular, and materially brightened. He would now read the report, after which, he begreet, to repeat, that he should be happy to give any explanation that might be required.

The CHAIRMAN then read the following report to the meeting:—

The The report which the provisional committee made to the proprietors on the 30th July last, a brief statement was given of the consideration to the proprietors on the 30th July last, a brief statement was given of the consideration of the provisional committee of the company, and of the position in which they then stoo! It was amounted, that a second threat on the present of the provisional committee have now the pleasure of stating, that a third furnace was put in blast there in the middle of september, and a fourth in the beginning of the present month; and that they have considered arrangement for immediately and the present month; and that they have considered a lesse of the Abercrave Collieries to Mesera Martin and James, upon berras which will entire relieve the pressure of the dear entry is and that the establishment of the provisional committee have also to report, that they have concluded a lesse of the Abercrave Collieries to Mesera Martin and James, upon berras which will entire relieve the pressure of the dear entry is and that the establishment of the provisional committee have also to report, that they have concluded a lesse of the Abercrave Collieries to Mesera Martin and James, upon berras which will entire the construction of the provisional committee stated it to be their intention to discuss the provisional committee have been made upon the scrip barries of the provisional committee and the provisional committee and the provisional committee and the provisional committee and the reporter all and the provisional committee and the reporter all and active the sum of 104, per share upon the campany in the provisional committee and the provisional committee and the provisional committee to the company; and the sum of 104, per share and the sum of 104

the proprietors for the current year, for which period they are willing to become directors 1s will see their duty, as well as that interest, to employ for the future benefit and prosper by of the company.

The CHAIRMAN said that was all they had to lay before the proprietors except the accounts, which were ready for the inspection of any gentleman who chose to examine them; they would be in the office below, and the directors were most anxious that the proprietors should look at them, so as to judge for themselves. He would now move that this report of the provisional committee be received and approved of.—Mr. W. A. WILKIN-BON seconded the motion, and it was carried.nnanimously.

The CHAIRMAN observed that the next motion was, that a dividend of 3s, per share be now declared, being equal to 4 per cent. upon the paid-up capital, payable on the 1st of February.—Mr. Highens seconded the motion. He was very glad to receive a dividend, but thought they should not have dividends declared unless there was a prospect of keeping them up, upon which, however, he did not feel any doubt. He thought it much better that the accounts should be open to the proprietors at the office, than that they should be published at length, which was objectionable in a trading concern, and frequently injurious to the interests of its proprietors, while to the public at large it could be of no benefit.—The CHAIRMAN said he trusted there was no fear of their receiving a less dividend that at present—on the contrary, he thought they would have occasion to increase it.

Mr. RAJPH RICARDO wished to observe, as one of the anditors, that it was entirely impossible to call what they had done, a complete audit of the accounts, for they audited the accounts merely as they were in the office in London. The accounts were all exceedingly well kept, it is true, and there were vouchers for all that was done; besides which Mr. Smith (the secretary) and Mr. Ramage afforded them every facility in going over the accounts. At the same time he thought it righ

ditors were better able to determine the rate of wages, on the expediency of any expenditure, than those gentlemen who took upon themselves the responsibility of directors. (Hear, hear.) With regard to the number of directors, the deed provided that the number should be twelve at first, and directors, the deed provided that the number should be twelve at miss, and should never exceed twenty-four; but it was competent for a general meeting to decide that there should be a still smaller number. He doubted the expediency of a smaller number, especially in so commercial a concern as that was, in which a great deal depended on the personal influence of the individuals who composed the direction, (Hear, hear.) He could not see what good they could do themselves by it—on the contrary, he thought it would be very injudicious; but, on that subject, he could inform the meeting, that several of the present board of directors would be happy, if requested, to relieve themselves from the responsibilities attending office. As to the cutting down of expenses, he agreed that it was nee sary where practicable; but, in many instances, economy might be earr too far, and this was the opinion of his colleagues, as well as himself;

too far, and this was the opinion of his colleagues, as well as himself; for, unless people were fairly paid, they could not expect the exercise of all their energies for the prosperity of the company;

Mr. S. SMITH (as an auditor of the old company) referred to the circumstance mentioned by Mr. Ricardo, and said there was no complete audit there, for they only audited the books, and saw nothing of vouchers for the expenditure at the works.—Mr. RICARDO said the directors came forward to offer their services without any emolument; they were all large shareholders in the concern. When they became more prosperous, and produced a larger dividend, would be the time to consider if any remuneration should be given to them or not. (Hear, hear.)

The motion for the dividend was then passed unanimously.

Mr. HICHENS thought they could not be too much indebted to the present directors for stepping in to wind up the old concern, in which persons

The motion for the dividend was then passed unanimously.

Mr. Hichen's thought they could not be too much indebted to the present directors for stepping in to wind up the old concern, in which persons saw no end to their difficulties; this feeling was particularly due from the old shareholders who had entered the new company, and to their able chairman, and the other gentlemen who had formed that company. There was hardly ever a public company where a body of private individuals had come forward as these gentlemen had done to put an end to their liabilities. They were all large proprietors in the new company, and could not benefit themselves without benefitting the rest of the proprietors. He hoped, when the time came that they could afford to give them payment, they would not forget their services. (Hear, hear.)

Mr. D. B. Chapman (one of the provisional committee) admitted that the report might be a little discouraging on account of the smallness of the dividend, but if they compared their present condition with what it was at first, they would find that it exceeded all expectation. In going through the works, he found first, Abersychan, that great sink where such immense sums of money were swallowed up; this, instead of causing loss, had every prospect of bringing a handsome return; instead of one furface, they had no less than four at present; they had also reduced the galeages 40 per cent. Their difficulties seemed all overcome at the first blow, and he thought they were now entirely at an end, so that they might look forward to working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. They hed also increased for in working with econymy and efficiency. cent. Their difficulties seemed all overcome at the first blow, and he thought they were now entirely at an end, so that they might look forward to working with economy and efficiency. They had also increased facilities for transporting their iron to Newport. Passing to Ruabon, the same thing applied, where they had at present two furnaces, and would very soon have a third; if it had hitherto covered its expenses, it had now the prospect of bringing a handsome return. At Corngreaves they were going on in the same progressive way. In fact, not to be too sanguine of anything coming from the bowels of the earth, if there was a time for congratulation it was the present for they had heard that now they were in the progressive way. anything coming from the bowels of the earth, if there was a time for congratulation it was the present, for they had heard that now they were in a position to make 50,000 tons of iron a year. He remembered well that the ultimate point they were expected to reach was 40,000 tons; they had already achieved 50,000. (Hear, hear.) Looking at these facts, and the increased demand for iron, he had no doubt of their soon having a most extensive business at all points of operation.

Mr. Joseph Hoare would draw attention to one point. When the new company got possession of the works, they were going on at a loss of 18,000 a year, besides interest; they had now paid the interest on their debt, and they had a surplus for a dividend. (Hear.) This showed the difference between their actual position, and what it was when they took over the concern in last January.

The Charbana said the two former resolutions had been moved by him-

The CHAIRMAN said the two former resolutions had been moved by him-

The Chairman said the two former resolutions had been moved by himself; the present one for the election of directors must be left to the meeting. It was then moved by Mr. Hichens, and seconded by Mr. R. Ricardo, that the following gentlemen be the directors for the year ensuing:—George Pearkes Barclay, John Studholme Brownrigg, David Barclay Chapman, Matthew Harrison, Joseph Hoare, Charles Kerr, John Horsley Palmer, John Hurdis Ravenshaw, Samson Ricardo, William Routh, John Abel Smith, and Alexander Wilson, Esqs.—A Proprietor asked where was Sir George Larpent?—The Chairman said that gentleman had desired to withdraw, but had requested his partner, Mr. Brownrigg, to remain by the concern. (Hear, hear.)—Mr. Stewart was very glad to have Mr. Brownrigg, but was sorry to lose Sir G. Larpent.—The above resolution was passed unanimously.

Mr. Brownings, but was sorry to lose Sir G. Larpent.—The above resolution was passed unanimously.

It was moved and seconded, and carried unanimously—"That James Bruce, Esq., Ralph Ricardo, Esq., and John Smm Smith, Esq., be appointed auditors of the company."

Mr. Hichens then moved a vote of thanks to the chairman and directors of the company.—The motion was seconded by Mr. S. Smith, and agreed to unanimously.—The Chairman returned thanks, and stated that he believed the proprietors were quite justified in entertaining confidence in their present property. It is a property to the company to the proprietors were quite justified in entertaining confidence in their present property. in their present prospects; they were now making 50,000 tons of pig-iron per annum, which was equal to 40,000 tons of bars, and other wroughtiron, and though the demand was so good as to have enabled them to effect sales equal to the next six months' make, he had the pleasure to inform them that more than three-fourths of this quantity had been sold during the last two months, since the advance had taken place, and at prices which left a very considerable profit.—The meeting then adjourned.

COPIAPO MINING COMPANY.

The half-yearly meeting of the shareholders of this company was held on Wednesday, the 29th ult., at the offices, Austinfriars,

Henry Harman, Esq., in the chair.

After the usual preliminary business had been transacted, the following

After the usual preliminary business had been transacted, the following report was read:—

REPORT.

The directors have now to submit to the shareholders a summary of the reports which they have received from their manager in Copiapo since the meeting in July last, which have, as usual, been laid in the office, for the information of the shareholders, as they came to hand. The produce of the copper mines during the year ending 30th June last, has been 1060 tons; about 1900 were lying in the Valley of Copiapo at the date of the last advices (11th October). The three cargoes received by the company since the month of June last—together 960 tons—averaged about 21½ per cent. of copper, have sold for 16t, per ton. It is hoped, from the cautions repeatedly given to the manager regarding the selection of the cress, that the next shipments may prove richer, particularly if they contain any ore from the new mine of San Pedro, which is said to be of superior quality. The mining capitain's report upon this mineral is very encouraging; he considers that it is likely to become a permanent and profitable mine; he also states that the mine of Checo was again improving, both in quantity and quality. The operations at Quebrada had been very limited since September last, asit was thought expedient to tranfer most of the men employed there to San Pedro, where they may be more profitably employed.

The prospects held out by the mining capitain at the Silver Mines continues very favourable, although no decided results have as yet attended the operations. The workings at Pampa Larga had been somewhat impeded by a course of arsenical ore, which, although of little value in itself, is regarded by the natives as indications of a near approach to silver. The miners would soon arrive at the bottom of a level, where they confidently expected to meet with some rich deposits of silver. The mine from this mine have been assayed by Mr. Johnson, who reports favourably as to their character, and he consider the mine worthy of further development

produce allver in small quantities. The samples of ore many assayed by Mr. Johnson, who reports favourably as to their character, and he consider the mine worthy of further development.

No favourable indications having occurred in the lodes at San Andres, the mining captain had decided to suspend operations there, and removed the men to San Jorge in the month of April last, retaining possession of the mine, however, for the present.

The balance of expenditure at the Silver Mines, down to the 30th June last, amounted to about 52504; but, if it he decided to pursue these operations, a further outlay of captain will soon be necessary, in order to attain the successful results which the mining captains have another and an advantage of the company, arrived safely at Copians; the first seven men, under Captain Lean, in January last, and the second, eleven in sumber, under assistant Captain Whitburn. Four of the miners, whose engagements with the company expired in June last, have renewed them on the same terms as before. The present force of English miners consists of two mining captains, one assistant ditto, nineteen miners, with a blacksmith, a carpenter, and a timberman-making in all twenty-five men.

one assistant ditto, nineteen miners, with a blacksmith, a carpenter, and a timbermanmaking in all twenty-tev men.

"The directors flatter themselves that the next arrivals may be attended by better results, particularly if the strong and influential applications, which have been made to Government for a revision of the present rates of duty on foreign copper ore, should prove
successful. In automitting this statement to the shareholders, the directors beg to assure
them, that they have not ceased to impress on their manager the necessity of exertion,
diligence, and economy in every department; and they have constantly suggested every
thing which occurred to them, as likely to promote the interests of the company, through
a long and laborious correspondence. In conclusion, the directors think it proper to repeat to the shareholders, that, in order to prosecute the undertaking efficiently, a further
supply of money may, probably, ere long be required.

The report having hean read, it was moved—"That the same he re-

The report having been read, it was moved-" That the same be re-

ceived and adopted;" seconded, and carried unanimously.

The thanks of the meeting were then proposed to the directors, and the motion being seconded, was also carried unanimously.

WINITED MEXICAN MINING ASSOCIATION.

The half-yearly meeting of this company was held at the London Tavern, Bishopsgate-street, on Wednesday, the 29th ult., and was as usual ously attended .- The chair was taken by S. MARJORIBANKS, Esq., M.P., who apologised for the unavoidable absence of Sir John Easthope, Bart. (the chairman of the association).

Mr. MATHER (the secretary) read the notice from the London Gazette

of the 18th of January, and the minutes of the former meeting.

The Citatrman then called on Mr. T. Moore to proceed with the motion of which he had given notice at the last meeting, in respect to some compliment to Mr. Shoolbred. He could say, on the part of himself and the directors, that they would be most happy to join in anything which might be agreed upon by the proprietors, as they knew the value of the services of Mr. Shoolbred in Mexico, which opinion had been increased since his return to this country.

services of Mr. Shoolbred in Mexico, which opinion had been increased since his return to this country.

Mr. Moore then proceeded to say, that he was quite willing to leave the matter in the hands of the directors.—The Charrman signified that it had better be decided by the proprietors.—Mr. Moore was aware that at a time when they were not prepared to pay a dividend, it might be said that they could not afford to be generous. He still thought, that when proprietors looked at the valuable services of Mr. Shoolbred, they would be the sixty to be a still the proprietors. propriesors looked at the valuable services of Mr. Shoolbred, they would not hesitate to join with him in awarding that gentleman some compliment. Within the last six months, he had ascertained what was Mr. Shoolbred's salary, and, considering this, he hoped the proprietors would agree with him, that a sum of 250 guineas would not be out of the way, for a piece of plate to be presented to Mr. Shoolbred, (Hear, hear.) To this gentleman's management they were indebted for having got rid of the whole of that cumbersome debt, and, without his exertions, he thought the proprietors would not have had the prospect of a dividend at all. He, therefore, had great pleasure in proposing, that a sum of 250 guineas be awarded for a piece of plate to be presented to Mr. Shoolbred, for his valuable services to the company. (Hear, hear.)—Mr. Wood seconded the motion, which was passed unanimously.

The Chairman said the directors had prepared a report, which the secretary would read, and, should any question arise out of it, he should be

rectary would read, and, should any question arise out of it, he should be happy to answer it, and he hoped in such a way as would satisfy the pro-

tors,-Mr. MATHER then read the following report:-

happy to answer it, and he hoped he seems to the events that have taken prietors.—Mr. Mather then read the following report:—

REPORT.

The directors, in calling the attention of the proprietors to the events that have taken place in the affairs of the association since the last half-yearly general meeting, and also to the present condition and prospects of the various concerns in which the company is now engaged, proceed, in the first place, to report on the

Mine of Rayasa.—The general operations in which, from the 1st January to the 16th of November, being the date of the last received reports and accounts, have been as follows—viz.: The picked ores raised was 21,438 egs. 8 ar. 16 lbs. for the whole twenty-four bars of the mine, of which 13,449 egs. 6 ar. were received by the owners of fifteen bars, and 7982 egs. 2 ar. 16 lbs. by the association, in representation of nine bars. The half sales of buscones ores produced \$113,152 6; and the amount of memoria, or outlay, \$186,274 6 1—the excess of this outlay over half sales of buscones are selected by the association. It is to be observed, that, although the workings of the mine, carried on for its own account, apart from buscones, had latterly fallen off both in the quantity and quality of the ores produced, will, on the other hand, the result of the sales of buscones ores had materially increased—in some instances as much as 50 per cent—and had much more than made up the aforesald deficiency. The amount of the general debt of the mine, on the 31st. Dec., 1843, was ——\$843,696 6 2 Paid since then

The case and opinion have been delivered by a deputation of the directors to her Majesty's Government thereon.

Our near. — The property of the association in this district has not yet been disposed of, and, in other respects, remains in the same state as reported at the last meeting.

Freamy Orders.—The led dime for these orders, amounting together, in principal and interest, to \$17,679 6 (the latter being calculated up to a given date), have been so far arranged, that the corresponding bonds for the payment thereof, with interest at 1 per per cent, per month, have been delivered to the association, and a fund, out of the future import duties, having been assigned, in behalf of payments thereof, with interest at 1 per per cent, per month, have been delivered to the association, and a fund, out of the future import duties, having been assigned, in behalf of payments the Mexican Government, the sum of \$3938 1 2 has been received in part payment thereof. The directors are happy to state, that, agreeably to the last advices received from Mexico, the fund so assigned had not been detained or inheriered with, in common with others of a similar nature—seized and made use of by the Mexican association in Mexico, during the last past year, was 940 bottles, at a cost of 15,003L 8s. 3d, which, however, not proving sufficient for the purpose, a further quantity of 212 bottles was purchased there—making a total of 1152 bottles, and a total of 19,8842.4s. Id. To provide for this increased consumption, arising out of another reduction work—Duran having been added to those of Barrers and Dolores, and also, owing to the treatment of a larger quantity than usual of the superior class of ores—the directors have latterly increased, by one-third, their monthly supply from hence, persuaded that is will not only obviate the necessity of recurring to the Mexican market, at much higher prices, but, at the same time, will guard against the uncertainty of finding supples at all times in that market, even at those prices; whilst, on the

Total.....£28,665 12 8

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Total And to be deducted £11,458 18 7

Anxiliary capital and Red Scrip unclaimed £5046 10 0

Sundry payments made on London account since the 31st

December, 1844 280 10 4

Sundry payments made on Mexican account since the 31st

December, 1844 1334 8 0

Sundry persons £ 250

.. 1330-1580 0 0- 8,241 8 4

were not, of course, admitted.

The Chairman, in reply to a proprietor, said the sum paid off in the way of mortgage in London was 114,000l,, which was since July, 1838.—
The Secretarry said that in November, 1843, was the final payment on red scrip.—A Proprietor complained of the irregularity of the receipts. As long as there was a mortgage required to be met, there was a regularity of receipts, amounting to 20,000l. a-year; but now for about two years there had been no such thing as such an amount, although they were

larity of receipts, amounting to 20,000l. a-year; but now for about two years there had been no such thing as such an amount, although they were free from that burden. (Hear, hear.)—The Secretarar said there was a large sum in hand when they commenced paying off the mortgage.—The Properties of the proprietors and there was now but the small available sum of 3000l. in hand up to March next. With this prospect he saw no chance of a dividend. (Hear, hear.)

The Chairman would not undertake to be prophetic about a dividend, but he was not so desponding as the honourable proprietor; and, with respect to the remarks made by the hon. proprietor, he could only say that the accounts of the association were at all times accessible to him or any other proprietor, that they spoke for themselves, nor was there any mystery in them to be unravelled, and that, on the present occasion, he could not do better than refer him for the required information to their commissioner in Mexico, Mr. Shoolbred, now in the room.

Mr. Shoolbred: The hon. proprietor must bear in mind that the returns, if not received here, had been largely increasing in Mexico, in the way of assets generally and in the amount of capital profitably employed there. In addition to which, a larger proportion than formerly of the ores was now received by the Rayas Mine owners, which had its effect also, and on this account alone, some 60,000 dols. or 70,000 dols. will, probably, become divisible between those owners and the association in the next six months, which, added to the other ores on hand, and not yet taken into account, would fully explain the smallness of the receipts alluded to by the hon. proprietor. (Hear, hear.)

Mr. Moore reminded the hon. proprietor that there was 74,000 dols. now in hand in Mexico, out of which 50,000 dols. had been, or would be, shipped, if it could be done with safety in the present disturbed state of that country.—Mr. T. Moore had no be dividend of 5s. per share.

Mr. Loudon asked if the large sum of money claimed from the Mexi

six months.—A Proprietor considered that the expected remittance, when received, would afford a dividend of 5s. per share.

Mr. LOUDON asked if the large sum of money claimed from the Mexican Government was expected to be approved of by our Government?—The Chairman said an application had been made to the Secretary of State on the subject, and the reply of Lord Aberdeen should be read to the meeting.—Mr. Mather read the letter to the meeting, which stated that the subject had been referred to the Queen's Advocate-General, who had been used to give his immediate opinion.

been urged to give his immediate opinion.

The report was then received, when a Proprietor moved a vote of thanks to the chairman and directors, which was seconded by Mr. Moore, and passed unanimously; the meeting then adjourned.

AUSTRALIAN AGRICULTURAL COMPANY.

thanks to the chairman and directors, which was seconded by Mr. Moone, and passed unanimously; the meeting then adjourned.

AUSTRALIAN AGRICULTURAL COMPANY.

The twenty-first annual general court of proprietors of stock in this company was held at the office, in Moorgate-street, on Tuesday, the 28th ult.

J. S. BROWSHIGG, Esq., M.P. (governor), in the chair.

The CHAIRMAN congratulated the meeting on the nature of the report which their secretary would read, and although there cortainly existed causes of sincer regret, arising out of the depression which had so long overspread the field of their labours, and clouded their prospects, yet, despite these discouraging circumstances, the revenue of the company still prospered, and it gave him more than ordinary satisfaction to announce that a dividend of 15s. upon the shares had been declared. He would not trouble the meeting any longer, but would, without further remark, call on the secretary to read the annual report of the company's affairs.—The SECHETARY (Mr. George Engstrom) then read the report, of which the following is an abstract:—The directors were happy to state, from the reports of the commissioner, Capt. King, that there appear reasonable grounds for hoping, neiwithstanding the unexampled depression which has pervaded all interests during the last four years in New South Wales, that symptoms of recovery are discernible, and that the colony is slowly, but gradually, recovering from its long depression. This was ascertained by a letter from the commissioner, dated 26th March, and also from a subsequent dispatch. The directors with concern had to report, that besides the ruinously low price of live stock, the falling off in the sale of coals, partly owing to the reduced means of the consumers, and partly to the increased consumption of wood fuel, and to some competition from mines not prevented from working by the restrictions of the Government, on the transfer of the Government mines to the consumers, and partly to the increased consumption of wood fuel,

Showing a surplus revenue for the year of£ 5,582 16 1 Which, taken with the small previously existing surplus, justifies the directors in recommending that a dividend of 15s. per share be declared on the paid-up capital of the company. In conclusion, the directors assured the proprietors capital of the company. In conclusion, the directors assured the proprietors that their exertions had been unabated to promote the welfare of the society, that every retrenchment consistent with its safety had been made, and they entertained the strongest hopes that the colony, as well as the company, would mutually prosper.

entertained the strongest hopes that the colony, as well as the company, would mutually prosper.

After the reading of the report, which was received with applause, and unanimously adopted, the meeting proceeded to the annual election of officers for the ensuing year, when John Locke, W. S. Davidson, and J. Hodgson, Esqs. the outgoing directors, were unanimously re-elected; the auditors who retired in rotation, and were also re-elected, were David Barclay, Esq. M.P., J. Abel Smith, Esq. M.P., G. S. Thornton and George Knox, Esqs.—Archibald W. Blane, Esq., was elected deputy-governor in the room of Mr. Brown; and Mr. Thornton announced himself a candidate for the vacant seat in the directory, occasioned by Mr. Blane accepting the office of deputy-governor.—The usual vote of thanks was then passed to the chairman and directors, and the meeting separated, apparently gratified with the result of the proceedings.

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AUSTRALIAN TRUST COMPANY.

The half-yearly meeting of this company was held at the office, Moorgate-street, on Thursday, the 30th ult.—In the absence of John Abel Smith, Esq., M.P., BENJAMIN GREEN, Esq., presided.—From the report, it appeared that the sum invested on mortgage in Australia was 400,150/.—A dividend of 3 per cent. for the half-year (6 per cent. per annum) was recommended. The sum of 4725/. 6s. 9d. had been added to the reserve fund, which made that fund

cally worked those parts that were chosen out for them. They could not leave the whole to buscones, or they would have the mine about their ears, paying off a considerable number of the promissory notes of the company, which and in ruin. Some of the works were those of research, in which buscones and in ruin. Some of the works were those of research, in which buscones of course, admitted.

BRITISH AMERICAN LAND COMPANY.

A special meeting of this company was held at the offices, Bucklersbury, on Wednesday, the 29th inst, to consider the expediency of constructing a railroad from Boston to Montreal.—Mr. G. R. ROBINSON (the governor) having taken the chair, called on the deputy-governor to read a letter from Mr. Galt, their commissioner in Canada.—The communication pointed out the benefits which would arise to the company, in the event of its adopting the projected line, and strongly urged the proprietors to authorise the subscription of 20,000. of railway stock. The provisional committee had given that authority, contingent, however, on a charter being obtained, or 300,000. being raised, and the sanction of the court of proprietors.—On that subject, the Chaliman invited discussion, intimating that the Act of Parliament empowered the company should authorise the subscription of the 20,000., as he considered it could be procured without calls; but as to the advance by Government of 100,000. which Mr. Galt anticipated, he entertained no such hope, and thought their commissioner had gallopped at railway speed in most of his calculations.—Mr. Clarke, in seconding the resolution, cautioned the proprietors against being led away by the sanguine hopes entertained by Mr. Galt; still they must all admit that if their subscription of 20,000. would ensure the railroad, it would be the best act the company ever did. At present, their provinces were but lost property; but if the present project could be adopted, it would become highly valuable.—Sir. John Bolleau congratulated the company on their accounts for the first time presenting a satisfactory balance.—The Charleman having warned the shareholders not to be over sanguine, still expressed his full approbation of the proposal, and trusted it would meet with general satisfaction and approval.—The motion was then put, and unanimously carried; and, after a vote of thanks to the board of directors, the meeting separated.

RAILWAY COMMUNICATION BETWEEN IRELAND AND SCOTLAND.—Now that Railway Communication between Ireland and Scotland.—Now that railway undertakings are so general, and that projects are devised for opening lines on almost every available spot, we are astonished that one locality, appearing to us to present no ordinary advantages, has been totally overlooked. We allude to the towns of Fortpatrick and Dumfries, once great marts for Irish traffic, and thoroughfares for Irish communication with Scotland. Apart from the local advantages which we think such an undertaking would possess, in the facility which it would afford for travelling between Scotland, the North of England, and the entire of Ireland, we conceive that its influence would be commanding over the commerce of the three kingdoms. The great mineral productions of the North of England would find a speedy and profitable market in Ireland, whilst the benefit to that country would be reciprocal, in the revival of her northern trade with Scotland. The distance at present between Glasgow and Belfast is about 135 miles, and, from the precarious nature of the duration of the voyage (a circumstance, we need not observe, of the utmost importance to trade), many inconveniences must necessarily arise. These objections would, we think, be obviated by the adoption of a railway between Glasgow and Fortpatrick, via Dumfries, the distance being 169 miles; if this were met by another at Donaghadee from Dublin, Belfast, &c., the total would not, we think, take a longer time to accomplish than the old and inconvenient route—at any rate, we think the project, to which our attention has been accidentally called, worthy the consideration of the public.

route—at any rate, we think the project, to which our attention has been accidentally called, worthy the consideration of the public.

The Cornwall Railway, from Plymouth to Falmouth, was held on Saturday last at Truro, to receive a deputation from the Central Cornwall and Devon Railway committee. There was a full attendance on this occasion. The deputation stated that the Board of Trade, having passed its veto against the Central Line, their committee had determined to offer their surveys to the Cornwall Railway Company as far as Bodmin; and for which to be allowed one-third of the expense of surveying; that the line from Bodmin to Exeter is to be abandoned; whilst, on the part of the Central Cornwall and Devon committee, they required to be permitted to purchase a certain amount of shares in the Plymouth and Falmouth Line. At the same time, should these proposals not be acceded to, they were prepared to oppose the South Line in Parliament; but, from private sources, it is understood that these terms are likely to be complied with. At the last committee meeting of the Plymouth and Falmouth American the following gentlemen were elected as directors:—Lord Falmouth, Mr. R. W. Fox (of Falmouth), Mr. Smith (of Camborne), Mr. Allen (of St. Austell), Mr. Gwatkin (of Tregony), Mr. Treffry (of Fowey), Mr. W. M. Tweedy (of Truro), Mr. Michael Williams, Mr. Robert Cotesworth, and Mr. R. Gray (of London).—The respective committees of the South and Central Lines met at Truro, on Monday last, to endeavour to effect an arrangement, when Lord Falmouth, Mæsrs. Michael Williams, J. Vivian, and others, were present. We are not aware of the express proposition submittee to the meeting, but it is sunderstood that the Central will abandon their opposition to the Southern Line.—A committee has been appointed at Torpoint, to watch the progress of the bill with respect to the ferry tolls.

INFRINGEMENT OF PATENT-WALKER'S AXLE-TREES.

INFRINGEMENT OF PATENT—WALKER'S AXLE-TREES.

VICK-CHANCELLOR'S COURT—JAN. 23.

WALKER v. HILL.—Mr. J. RUSSELL (with whom was Mr. Daniel) applied to the court on behalf of the plaintiff in this case (one of the partners in the Patent Shaft and Axle-tree Company), for an injunction to restrain the defendant, his workmen, servants, and agents, from making, manufacturing, selling, or disposing of, or causing or procuring to be made, manufactured, sold, or disposing of, or causing or procuring to be made, manufactured, sold, or disposing of, or causing or procuring to be made, manufacturing, selling, or disposing of, or causing or the regiment of conical shafts or bars, made or manufactured according to the pretended invention in the letters patent of the 14th day of May, 1844, in the bill mentioned, or otherwise in infringement of interest of the invention of James Hardy, mentioned in the letters patent dated the 4th day of April, 1885, in the said bill also micationed; or from in any manner making, using, or putting in practice, the said invention of the said James Hardy, or any part thereof, within England and Wales, or the town of Berwick-upon-Tweed, until the defendant shall have fully answered the said bill, and the court shall make further order to the contrary.—The object of the motion was to have the plaintiff's right of patent protected from infringement, the mode of manufacturing described by the defendant Hill is, although inferior, an imitation of the mode and an infringement of the patent granted to J. Hardy, of E. Bury, engineer of the locomotive department of the London and Birmingham Railway, that he is well acquainted with the process of manufacturing was the same anufactured have been exclusively used on the London and Birmingham Railway for the last five years; that the process described by the defendant Hill informs part of the improvement claimed by the plaintiff, but in an inferior degree.

Of Daniel Gooch, resident engineer of the locomotive department of the Great Western Railway, and that h

tiff, though less perfect.

Of R. B. Dockray, resident engineer of the London and Birmingham Rail-

Of R. B. Dockray, resident engineer of the London and Birmingham Rall-way, that the axles manufactured by the plaintiff have for several years been used on the London and Birmingham Railway, and that they are, in his judgment, the best that can be obtained; that the mode of manufacture described by the defendant's specifications, is an inferior initiation of the plaintiff's mode. Of John Henderson, of Smethwick, that the mode of manufacture of axles, as described by the defendant, is the same in principle as that of the plaintiff, and that in his judgment the invention of Hardy is of great public utility. Mr. Wigram appeared for the defendant. His Hoxour said that the injunction must be granted, without prejudice to any future motion or proceeding which either party might be advised, or deem it fit to make hereafter.—Injunction accordingly granted.

At the Bristol and Gloucester meeting, on Thursday, a long discussion to

place respecting the wide and narrow guage, when it was stated that, in all probability, the line from Birmingham to Gloucester would be altered from the narrow to the wide guage—to make it uniform with the Great Western, the Bristol and Gloucester, Bristol and Exeter, and so on to Falmouth, and, probably, to the Land's End. It was also stated that the proposed South Wales line is to be constructed on the wide guage system.

line is to be constructed on the wide guage system.

RAILWAYS AND THE COAL TRADE.—There is one line of railway lately projected which more than any other appears to us to present paramount advantages. The enormous price of coal has always been severely felt and londly complained of in the metropolis; rich and poor alike suffer—the latter to a fearful degree. Now, though we do not join with those who, in a railway company, see all their grievances redressed, and hail a new line as the panaeca of all their evils—though we do not conceive that the effect of a locomotive is to remove every misfortune, nor regard a steam-engine as the harbinger of every blessing—we confess we are inclined to attach more than ordinary importance to the proposed formation of a line which will immediately connect the metropolis with a locality which is the very bed and centre of the finest coal. The benefit can scarcely be over-rated which must arise from a direct railway communication between the vast and valuable coal-fields of York and the densely populated cities of Manchester, Birmingham, Sheffield, and London. Apart from the advantages accruing to the smaller towns thus brought in connexion with manufacturing districts—apart from the beneficial results arising from a facility of transit between a large manufacturing town and an improving maritime port—if a project be devised whereby a valuable but rare commodity, an article of unlimited consumption, while an absolute necessary of life, can be furnished at a rate 25 per cent, cheaper than at present—then we repeat, apart from all other contingent or collateral advantages, such an enterprise must be pre-eminently useful. These remarks have been elicited by our notice of a prospectus for the construction of a line extending to the port of Goole—a direct communication from the metropolis, and with the commercial towns of Sheffield, Barnisley, Manchester, Birmingham, and the mineral and manufacturing districts of Derbyshire and Staffordshire. Our readers are, doubtless, aware that Goo RAILWAYS AND THE COAL TRADE.—There is one line of railway lately pro-

server of the control and, from the greater memby of exportation, a material increase in the revenues of the country.

Explosion of a Steam-Boiler.—On Tuesday last, a melancholy accident occurred on the Manchester and Leeds Railway, by which unhappily three lives were lost. It appears that the engine, Irak, had been lately undergoing some repairs, and was considered at the time of the accident in a fit condition to work on the line. At that period, the enginee Irak, had been lately undergoing some repairs, and the stoker was packing one of the glands, as it was intended that the Irak should take the quarter past seven train to Leeds; at six o'clock, however, while the preparations for the trip were yet making, a sudden explosion took place, causing the immediate death of those engaged upon the engine, three in number. On examination, it was found that the explosion occurred in the fire-box at the hinder part of the engine. The crown of the fire-box was horizontal, made of copper plate, three-eighths of an inch in thickness, and it seems to have given way first at the side nearest the fire-door. On this crown giving way, the whole contents of the boiler would rush into the fire-place, and blow out the bars, &c., into the engine-pit below. The expansive force of the steam has considerably depressed the brick floor of the engine-pit—to the extent of even four inches. The engine at the time was attached to the tender, which was merely, however, overturned. The Irk was made by Messra W. Fairbairn and Co., and was considered the best on the line; it has been four years on the line, having run in that period an aggregate distance of 76,860 miles. The following are the dimensions of its principal parts:—Its cylinder, 14 inches in diameter, and 18-inch stroke; boiler, 8 ft. 5½ in. in length, and 3 ft. 5 in. by 3 ft. 3½ in. in breadth; height above the bars, 3 ft. 4½ in: area of the sire-grate, 11-24; area exposed to radiant caloric, 52-87; area of tubes in the surface exposed to the contact of the heated air, 416-42; dimensions of steam way

OLLEGE OF CHYMISTRY.—At a MEETING of the Provisional Council of the College of Chymistry, held on Tuesday, the 14th of annary inst. (the Marquis of Downshire in the chair), a COMMITTE was appointed to RGANIZE, the INSTITUTION and prepare its Laboratory, and for other purposes consider there with.—Prespectuace and full particulars may be obtained at the office, No. 7,

quare, London,
—annual, £7 is.—A flat of subscriptions will shortly be
JOHN GARDNER, M.D., Previsional Secretary

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Augustns William Hilliary, Esq., 56, Cadogan-place.
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The numerous applications for shares in the capital stock of this consideration, with a view to an immediate allotment of the reserver

Frospectuses are ready, for delivery, and may be had at the office.
18, Old Jowry Chambers, Feb. 1, 1845.

THE PATENT GALVANISED IRON COMPANY beg leave to announce to the public, that they are prepared to SUPPLY ROOFING, SHIP SHEATHING and FASTENINGS, CHAINS, and the endless variety of articles to which ron, not subject to rust, may be applied.—Testimonials may be seen by application at the ffice, 3, Mansion House-place, London.

CAUTION.—THE PATENT GALVANISED IRON COM-ANY having ascertained that certain PARTIES are INFRINGING THEIR PATENT to the MANUFACTURE and SALE of a SPURIOUS and COUNTERFEIT ARTICLE, the injury of the company and the detriment of the public, hereby give NOTICE, not this COMPANY have the SOLE PRIVILEGE of manufacturing and selling IRON OATED WITH ZINC, commonly called "Galvanised Iron," and that they will indict be utmost PENALTIES of the law upon all PERSONS MANUFACTURING or SELLING as same without their authority, as well as upon all persons buying or using any Galanised Iron on manufactured by them, or sold by their authority.

3. Mansion House-place, London, Jan. 24, 1845.

COUTH METROPOLITAN PURE WATER COMPANY

Suprementation of the suprementation of the

EUROPEAN LIFE INSURANCE AND ANNUITY COMPANY.

ed Jan. 1819.—Empowered by Special Act of Parliament, 7 and 8 Vic., cap. 48.

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OFFICE—No. 10, CHATHAM-PLACE, BLACKFRIARS,
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Special Act of Parliament, and affords PACILITIES in effecting INSURANCES to suit
the view of every class of insurers.
PREMUMS are received yearly, half-yearly, or quarterly, or upon an increasing of decreasing scale.

cereasing scale.

Two-thirds of the profits are added septennially to the policies of those insured for life;
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f life, are admitted to vote at the half-yearly general meetings of the proprietors.

Annual premium for insuring £100 on a single life:-Age next birth day. 20. 20. 20. 40. 50. 60. Premium ...£1 18 1...£2 8 1...£3 2 6...£4 5 6...£6 5 8 DAVID FOGGO, Secretary

LAMERT ON DEBILITY, NERVOUSNESS, AND ALL DISORDERS ARISING

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Just published, the Seventh Edition, in a sealed envelope, price 2s. 6d.; or free by post to any address, for 3s. 6d.

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disorders of the generative system, originating in solitary habits, youthful excess, or infection, and terminating in local and constitutional weakness, nervous debility, melandoly, incapacity, gonorrhoea, syphilis, indigestion, insanity, consumption, &c., with plain directions for their treatment and cure. Illustrated with cases. By SAMUEL LAMERT, consulting surgeon, 9, Bedford-street, Bedford-square, London; Honorary Member of the London Hospital Medical Society, Licentiate of Apothecaries Hall, London, &c., "The various positions of lover, husband, and parent, are the inherent privileges of mankind, and, but for the accidents of mortality, would be awarded equally to all. To such, among others, this essay addresses itself; and, by its perusal, many questions may be satisfactorily adjusted that admit of no appeal, even to the most confidential friend."

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Nervous Debütty, constitutional weakness, excessive indulgence, &c.; with Observations on Marriage, &c. By R. and L. PERRY and Co., surgeons, London. Published by the authors, and sold at their residence; also by Strange, 21, Paternoster-row; Hannay and Co., &3, Oxford-street; Noble, 109, Charly and Co., 146, Leadenhall-street; Purkiss, Compton-street, Soho, London.
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Prince Albert, begs to acquaint the public, that the manufacture of his chronometers,
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DEN'S PATENT DIPLIEDOSCOPE, or meridian instrument, is now ready for defivery.
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rlott

BANKESS.

BANKESS.

eight valuable copper mines are the control of the mines and ascertaining their value.

The following passages from recent reports of Mr. F. Burr, the company's experienced superintendent in Spain, relative to such of the mines as have been examined, will sufficiently convey the best idea of their character and midications:

1. This mine is upon a noble vein, and one which offers great facilities for working. We found the discoverer's description fully borne out by the reality, the vein being of enormous size, cropping out to the surface in large rocks, in places seven or eight feet high, and producing good stones of lead ore, where cut into by a small stream. Besides this, other parts of the vein were deeply tinged with green carbonate of copper; and yet, extraordinary to say, this magnificent vein was wholly untried, though an opportunity was afforded by the intersection of a deep barrance (ravine) of laying it open to a considerable depth by a level, at a comparatively small expense. I doubt, indeed, whether in any other country in Europe (and I am acquainted with most), a vein could be found untried which showed at the very surface such unusual indications of mineral wealth.

Its size cannot be stated with accuracy, but it is certainly not less than from ten to twelve feet, and probably in places even more. The shaft had hardly penetrated half way through the lode, but the yellow copper ore was increasing in quantity, and becoming more strongly mixed with the veinstone—affording every indication of a bunch of ore being not far distant. The vein may not only be tried, but, to a certain extent, brought into an effective state of working in a space of time not likely to exceed a year and a half, and with an outlay which could hardly exceed £2000 to £3000. It is intersected by a great vein of lead, rich in silver.

utlay which could hardly exceed £2000 to £2000.

2. In this mine the vein does not at this point exceed a foot in width, but of this so these are a continuous vein of rich copper ore, worth, I should say, £15 to £20 per to This mine promises well, and as we are already in a bunch of ore, may be looked to the to give early returns.

This mine promises well, and as we are already in a bunch of ore, may be source to as likely to give early returns.

3. In this mine the ore is a rich oxide of iron, without any mixture of spar or earthy matter, and containing, I have no doubt, 60 or 70 per cent. of metal. Of this ore thousands of tons might literally be quarried out by mere open cutting. Judging from analogy, there is every reason to believe that copper lies below (the iron vein), as this vein presents, although on a smaller scale, exactly the same appearances which the Rio Tinto must have done previously to its being worked. Should the vein make copper in depth, it will certainly form a very productive and lasting mine, very similar to that of Rio Tinto, which, after so many centuries of working, still remains unexhausted. This mine is in the immediate neighbourhood of the celebrated Rio Tinto Mines, belonging to the Spanish Government, but leased to private parties, and stated to produce 300 tons of fine copper annually.

Government, but leased to private parties, and stated to produce 300 tons of fine copper annually.

4. This mine is one the success of which may be looked upon as established. We have here a bunch of yellow copper ore within a few yards of the surface, with every indication of its continuance and expansion into a valuable mass in depth. The work done by the company in this mine consists of sinking a shaft eleven yards below the old works, in doing which we have found a leader or regular vein of yellow copper ore, intermingled with the green carbonate, and about four inches in which. About a ton of ore was broken in sinking the lower part of the shaft, where we were in whole ground; the value of it may be £12 to £15 per ton. It is added, that not more than £1500 to £2000 will be required to put the mine in a productive state, and that the time could not possibly exceed a year and a half.

5. The copper vein in this mine is in continuation of the one now in produce in the adjoining mine, worked by native proprietors.

6. The lode here is in width about twelve feet, chiefly composed of gossan and porous calcareous spar. That this immense lode is in depth rich in copper seems the fair inference from all that can be seen of its upper portion. If the lodes hold down in depth, as they promise on the surface, the success of a valuable mine would then be established. The expense of this trial, as that of the other mines in this district, I can at present only roughly estimate, but should not imagine, that previous to meeting with some decisive result, an expenditure of more than £1200 to £1500 would be required.

7. It is evident, that a large quantity of metal, apparently copper, has here been ex-

rould be required.

7. It is evident, that a large quantity of metal, apparently copper, has here been extracted. I am informed, also, that this slag has been found on assay to produce gold, thus endering it probable that substances still more valuable than copper were obtained here.

8. This vein is two and a half feet wide, promising in appearance, and containing green and solid or course one.

This vein is two and a named water, promoted as the estimate of a most able of the estimate of a most able of the estimate of a most able appearance of mining engineer, on the spot, the average expenditure for bringing the to a productive result will be about £2000 each, and the time required about \$2000 each, and the time r

and experienced mining engineer, on the spot, the average expenditure for bringing the mines to a productive result will be about £2000 each, and the time required about a year and a balf.

The mines, with one exception, are held under the Spanish Crown, for such period as the association may choose to work them, according to the mining laws of Spain, by which the rights of foreigners are especially protected, whatever political changes may affect the Government. The property can be sold or transferred, as if owned by natives, and, in case of war even, is exempt from confiscation. The royal dues are far more moderate than those generally rendered in this country, being 1-20th.

This property, therefore, whether considered in reference to the extent of the veins, the variety and richness of the ores, the general indications of metallic abundance, the geological formation of the district (which allows the works to be carried on by means of drifts or adits, without the necessity of expensive machinery), or the cheapness of labour, justifies the sanguine expectations which are entertained of highly valuable returns. At the same time, any of the mines, that, on further progress, fall to sustain the present anticipation of profitable results, will not be proceeded with.

Besides its mining property, the association possesses, also, on the banks of the Guadalquiver, on an advantageous site, accessible to vessels of 200 tons burden, smelting and refining works, on the eve of completion, which will be in operation in the course of rext month, and are so designed as to be capable of extension for all the metallurgical and manufacturing purposes now in contemplation. These works are not dependent for ore on the mines of the association, sealing the property of the advantage.

This combination of native industry and interest with British skill and capital, in a district whose immense metalliferous resources have for centuries lain durpant, affords the best guarantee for the stability and success of the enterprise.

Thus ci

Total annual value of ores from the mines \$\mathcal{\pmu} \pmu 20,000\$ Add smelting and refining profits \$10,000

TASTERN COUNTIES RAILWAY COMPANY.

SEVENTEENTH GENERAL MEETING.—Notice is hereby given, that, in pursuance of the Act of Incorporation, the HALF-YEARLY GENERAL MEETING of the shareholders of this company will be HELD at the London Tavern, Bishopsgate-street, London, on Wednesday, the 5th day of February next, at One o'clock precisely, for the purpose of receiving a report from the directors of the progress of the undertaking, and of electing four directors, in the place of the four directors of the Eastern Counties Railway Company retring by rotation, and for the transaction of other business. The transfer books of the company will be closed on Saturday, the 25th inst., and will not be opened until Thursday, the 6th of February.

HENRY BOSANOUET. Chairmand

of Bo opened until Inursialy, the offn of February.

HENRY BOSANQUET, Chairman Offices, London Terminus, Jan. 14, 1845.

A. BULKELEY, Secretary.

N.B.—The dividend for the quarter ending the 4th inst. will be payable to those parties who, on the 25th inst., shall be the registered proprietors in the company's books.

TASTERN COUNTIES RAILWAY COMPANY.

EXTERSION TO ELY, CAMBRIDGE, BRANDON, and PETERBOROUGH.

EXTENSION TO ELY, CAMBRIDGE, BRANDON, and PETERBOROUGH.

EXTENSION TO ELY, CAMBRIDGE, BRANDON, and PETERBOROUGH.

Notice is hereby given, that the FOURTH INSTALMENT of ONE FOUND per share on each share in the above stock, becomes DUE on the 5th of February next, and will be received by any of the company's bankers, on the production of the call note issued to the registered proprietors of this stock. Holders of scrip, or of bankers' or office receipts, for the deposit of 13s. 4d. per share in the above stock, who have neglected to send in those documents for registry, are reminded, that, pursuant to the Notice to that effect, it is in the power of the directors to register, as the owners thereof, the names of the persons who originally executed the Parliamentary Contract Deed, and that the calls for the payment of the remainder of the instalments can then be made on the last-mentioned persons so registered, and the holders of scrip or receipts aforesaid, not sent in for registry, will forfiel their right and title to the shares represented by the same, which can only be transferred afterwards by transfer from the original proprietors.

By order of the board, offices, Shoreditch Station, Jan. 24, 1845.

ABULKELEY, Secretar

IREGISTERED PROVISIONALLY.

GOOLE, DONCASTER, AND SHEFFIELD AND MANCHESTER JUNCTION RAILWAY, FOR EXTENDING TO THE PORT OF GOOLE A DIRECT COMMUNICATION FROM THE METROPOLIS, and with the commercial towns of Sheffield, Barnaley, Manchester, and Birmingham, and the mineral and manufacturing districts of Derbyshire and Staffordshire.

the mineral and manuscrining unserted of the first state of £25 each.—Deposit £1 7s. 6d.

Altered from £1 10s., in pursuance to Act of Parliament.

TRUSTEES. London

John Buchanan, Esq., 13, Queen-square, London. James Smith, Esq., of Deanston. Mr. Alderman Vickers, Sheffield and London. Right Hon. Lord Beaumont, Carlton Hall
Raiph Creyke, Esq., Raweliffe Hall
Jarvis Empson, Esq., Goole Hall
Robert Lister, Esq., Groves House, Goole
Thomas Clarke, Esq., Knedlington
Thomas Coulman, Esq., Whitgift Hall
John Lister, Esq., Goole
W. E. Cass, Esq., Goole
William Butchen, Esq., Sheffield
William Butchen, Esq., Sheffield
William Butchen, Esq., Sheffield

Right Hon. Lord Beaumont, Carlton Hall Ralph Creyke, Esq., Raveliffe Hall Jarvis Empson, Esq., Goole Hall Robert Lister, Esq., Grove House, Goole Thomas Clarke, Esq., Knedlington Thomas Coulman, Esq., Whitgift Hall John Lister, Esq., Goole W. E. Cass, Esq., Goole G. N. Smith, Esq., Goole John M'Innis, wine merchant, Goole John M'Innis, wine merchant, Goole James Wake, G

Engineers—Messrs. Leather and Son, Leeds. Consulting Engineer—Sir John M*Neil.

CONSULTING ENGINEER—SIT JOHN STAND.

SIR WIlliam B. Cooke, Bark., and Co., Doncaster.
The York City and County Banking Company, Goole.
The Washeled and Barnsley Union Bank.
The Sheffield and Bornsley Union Bank.
The Sheffield and Company, Sheffield.
The Union Banking Company, Sheffield.
Messrs. Prescott, Grote, and Company, London.

Messrs. Prescott, Grote, and Company, London.

wheats and Staniforth, Sheffield; Frederick Fisher, Doncaster; John Wilson, Goole. LONDON AGENTS.
Scott and Co., Lincoln's Inn-fields; Thos. Rodgers, 37, King-street, Cheapside;
Parkes, Smith, Cary, Blount, and Brookfield, 12, Bedford-row.

Scott and Co., Lincoln's Inn-fields; Thos. Rodgers, 37, King-street, Cheapside; Parkes, Smith, Cary, Blount, and Brookfield, 12, Bedford-row.

The importance of a direct railway communication between the manufacturing and populous districts of Yorkshire, Lancashire, Derbyshire, and Staffordshire, and the port of Goole, is too apparent to require more than the announcement. It is, therefore, proposed to form a company for the construction of a line of railway from Goole to Donaster and Swinton, and by the Valley of the Dearne, intersecting the important and valuable coal-fields within the reach of the important districts of Elsecar, Worsbrough, and Silkstone, to the Sheffield and Manchester Railway. This line will bring these valuable coal-fields within the reach of the important districts of Lincoinshire and Cambridgeshire, London, and the South of England. The quantity of coal at present shipped at the port of Goole from the above places, affords a satisfactory assurance that the increase which may be reasonably expected in this traffic will be in itself sufficient to realise a large profit to the shareholders. The traffic will also be considered by the formation of any of the projected lines of railway from London to York, which will intersect this line between Donaster and Goole, and thereby afford greater facilities of communication with the northern and southern districts of the kingdom. The districts consected by this railway with the port of Goole are second to none in population and commercial importance, uniting not only with Sheffield and Manchester, and the manufacturing towns of Yorkshire and Lancashire, but also supplying, by the shortest practicable route, an eligible and commodious shipping place for Birnaingham, Derby, Nottingham, and Leicester, the Staffordshire Potteries, the Sait Works of Cheshire, and the other manufacturing towns of the midland counties.

The facilities of access to the port of Goole for vessels of large burden, and its superior advantages for the distributionof goods when

respectability, are required.

FORM OF APPLICATION FOR SHARES.

To the Provisional Committee of the Goole, Doncaster, and Sheffield and Manchester
Junction Railway.

I request that you will allot me
Sheffield and Manchester Junction Railway, on the terms mentioned in the prospectus, and I agree to take all such shares, or so many thereof as may be allotted to me, and to pay the deposit thereon, and to execute the Parliamentary contract and subscribers' agreement, when required so to do.

Description

Residence

Residence

NOTICE TO INVENTORS.—OFFICE FOR PATENTS OF INVENTIONS AND REGISTRATIONS OF DESIGNS, 14, LINCOLN'S INN-FIELDS.—The printed INSTRUCTIONS gratis, and every information upon the subject of PROTECTION for INVENTIONS, either by Letters Patent or the Designs Act, may be had by applying personally, or by letter, pre-paid, to Mr. Alexander Prince of the office, 14, Lincoln's Inn-Fields.

GOLD IN NORTH WALES .- We have to direct attention to a letter from Capt. Roberts, which appears in our columns of to-day, having reference to a discovery of gold in the gossans of some lodes in the vicinity of Dol-

to a discovery of gold in the gossans of some lodes in the vicinity of Dolgelley. Assays made at the Museum of Economic Geology, as also by
Messrs. Johnson and Cock and other experienced metallurgists, have been
found to be highly productive. It is certainly a new era as regards gold
mining in this country, and it is to be hoped the lodes will hold in depth,
and not be confined to the backs, as, in such case, we may apply our money to home produce, instead of looking to Brazilian returns.

CAPTAIN JOSEPH MALACHY.—We sincerely regret to have occasion to announce the demise of this centleman, who had lately taken the superintendence.

CAPTAIN JOSEPH MALACAY.—We sincerely regret to have occasion to announce the demise of this gentleman, who had lately taken the superintendence of the Linares Mines, in Spain. His death occurred on the 14th ult., after a painful and protracted illness, although it was sudden and unexpected, and we feel assured it will be felt by many, and his memory respected by more. It was to his abijity as a miner, and his indefatigable exertions, that we are mainly indebted for the bringing out the mineral resources of the Eastern District of Cornwall, and proving that this hitherto neglected portion of the county possessed great mineral wealth. After Wheal Brothers followed Holmbush, Redmoor (or the Callington Mines), Tamar Consols, East Cornwall, Harrow-barrow, Wheal Sisters, and numerous others. Mr. Malachy possessed many private virtues, whilst his failings were not concealed—his benevolence, generosity, and other sterling traits in his general character will outvie his faults. As a miner we believe he was allowed to be inferior to none; and we trust that others will, with ourselves, feel that the loss sustained by his family has at least the sympathy of those who knew him in past days.

"ANOTHER GO."—A meeting of adventurers in Wheal Gould was held at

"Anorher Go."—A meeting of adventurers in Wheal Gould was held at Callington on the 23d inst, when it was resolved to suspend the workings; and, to enable the company to pay off their liabilities, a call of 9d.! per 1000th share was declared necessary, and accordingly made.

ASPHAITE.—A mine of asphalte has been discovered in the neighbourhood of Alcobaça, in Portugal, of a superior quality, and a company formed for working it, which promises to be of more public utility than many of the bubble associations of the day.

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YNA NOTICES TO CORRESPONDENTS O MARITRA

J. B. (Physicuth) in next Journal—also, A. T. J. Martin—J. M. (South Shields)—T. M. (Liskeard)—J. B. (Bishopagate).

THE MINING JOURNAL

Nailway and Commercial Sagette.

LONDON, FEBRUARY 1, 1845.

The important matter which will be brought under the considera tion of the lords and adventurers in mines in Cornwall, at the meeting to be held this week in Truro, has induced us to enter at length on the correspondence between Mr. Gladstone and Sir C. Lemon, which has been lately submitted to the public, and to which our attention, in common with others, has been directed. We shall next week report fully the proceedings, and also render further statistical matter in support of the protection which should be given to the home miner.

to the home miner.

The correspondence which has taken place between Sir C. Lemon and Mr. Gladstone, on subject of contemplated alterations in the tariff, possesses more than ordinary interest, at a moment when the depreciation in the standard, and the influx of foreign ores, resses so heavy on the home miner—while, at the same time, it affords evidence too conclusive that the mining interest of this country have nought to expect from Government. The vacillating measures which Government have heretofore pursued—the uncertainty which attends their movements—and, moreover, the ignorance they display, are in themselves sufficient to establish their incompetency to deal with matters with which they are not conversant, but which we can well imagine have been pressed upon them by the free trader, the result of which, we apprehend, will be a ministerial application of the fiable of "The Old Man, his Boy, and his Ass"—for, in the endeavour to please all, they will please nobody, and, perchance, fare the same fate as the unfortunate ass, in being thrown "over the bridge" at last. We do not profess to enter into the arena of politics; to us, it matters not whether Government be Whig or Tory—our sole object in dealing with them is to consider how far their measures are calculated to be beneficial or prejudicial to the mining interest, and in that light alone we wish to view their acts, past and contemplative.

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dicial to the mining interest, and in that light alone we wish to view their acts, past and contemplative.

At the time of the new tariff being introduced, we did not fail to express boldly the opinions we entertained, and supported as we were by the mining interest of out-adventurers—while Cornwall had its own committee, to protect, so far as was practicable, the interests of the county—we then protested against the measure, the sole object alone of which was to benefit the few at the cost of the many. It will be remembered, that, antecedent to the tariff being passed as a law, foreign ores could only be imported in bond, or, in other words, all foreign ores imported into this country for being smelted into cake copper, were required to be exported within six months—the produce being estimated by the assays made as to the metallic contents. It is, of course, understood that the identical copper was not exported, but an equal quantity, inasmuch that from the rich nature of the foreign ores it was found impracticable to smelt them without an admixture of the poorer class of sulphurets, which are to be found in this country, and in some parts of Ireland. Antecedent, then, to the passing of the tariff, it is clear that the smelting of foreign ores in this country, however it might affect the price of copper in foreign markets, had no influence on our home consumption, as demonstrated by the difference which then existed in price, compared with the present, and that of the standard, as evidenced by the relative periods to which we shall have occasion to direct attention. Government, however, regardless of any class interest—at the same time that they lent their willing ear to the smelters and the adventurers in foreign mines—determined that all foreign ores should be admitted into this country, and be put upon an equality with our home produce, on payment of certain duties, according to the respective produce of the ores. It is hardly necessary to advert to the battle which was fought on the occasion, or the defeat ts, past and contemplative.

At the time of the new tariff being introduced, we did not fail to

British and Foreign Copper Ores Sold at Ticketings and by Private Contract,

Years S ending		& CORNWA	LL .		RIVATE NTBACT.		T	OTAL.	
Dec. 31.	British.	Foreign	n.	British	. Foreig	m.	British.	. 1	Foreign
1841 Tone	12,359	8488		. 1113	408		13,472		8,896
1842	12,762	8663		. 1337	1143		14,099		9,806
1843	13,231	9348		- 1555	1652	*****	14,786		10,000
1844 (estimated).	. 13,492	9649	****	. 1235	2105		14,727		11,754

It is thus clear that, despite the prognostications of the foreign miner and the home smelter, that the tariff, or imposition of a duty on foreign ores, would militate against the working of foreign mines, and hence the assertion of Government, in reply to the home miner, that he had a sufficient protection by the duty imposed—we find that an increase has taken place in the production, with which, in addition to a depreciating standard, the home miner has to contend. If the 'price of metal should be referred to as the criterion, we can only say such may benefit the smelter, but, unfortunately, it does not reach the miner. It is the standard which he looks to with interest, and the rise or fall in which, influencing the price of his ores, gives him, in many cases, either a profit or a loss. Without further comment on the past, or entering into the subject generally, we will at once proceed to the correspondence which has given rise to our present observations. The first letter to which our attention is directed, is from Mr. Gladstone to Sir C. Lemon, conveying copy of a letter from a gentleman, in which it is stated that the miners of this country are in favour of an abrogation of all duties on foreign ores—an assertion which, in the eyes of any one save Mr. Gladstone (he of the tariff), would have been sufficient to have stamped the communication as utterly worthless as the groundwork of inquiry; but the hon. gentleman, willing to avail himself of any opportunity which presented itself, whereby the question might be raised, at once seizes on the letter, and, as Sir C. Lemon had lent him a slight help on a former occasion, thought that the best thing was to submit it to that gentleman, and ask his opinion upon it. But, for the correspondence, we could hardly credit that a Minister was so innocent—yet we forget that copper is but one of the articles in the taffif, and as Cornewall is cellerated for "fish tin and conner" we reserve the Sir C. Lemon fish tin and conner" we reserve the Sir C. Lemon fish tin and conn respondence, we could hardly credit that a Minister was so innocent—yet we forget that copper is but one of the articles in the tafiff, and as Cornwall is celebrated for "fish, tin, and copper," we presume that Sir C. Lemon will next be consulted on the import of dry haddock or Dutch plaice. Sir C. Lemon, however, with a manliness which does him the highest credit, and which must endear him to the heart of every true Cornishman, at once seizes the "bull by the horns," and, having well considered the points mooted by Mr. Gladstroke's correspondent, directly rebuts the assertion, and, in a gentlemanlike manner, rebukes the Minister, who expected that Sir C. Lemon would have allowed himself to take a part in a piece, which we have seen illustrated as "The Cat, the Monkey, and the Chestaut." However, in the present instance, puss was not to be caught burning her fingers—indeed, it is said, that a burnt child dreads the fire, and we apprehend Sir Charles has, ere this, discovered that his helping hand to the Minister on a former occasion, instead of being received as a boon, for which the Minister should have been grateful, is treated something like Dan's acknowledgment of Ministerial favours, merely to serve as a stepping-stone. However, we are glad to find that the Minister has, in this Dan's acknowledgment of Ministerial favours, merely to serve as a step-ping-stone. However, we are glad to find that the Minister has, in this instance at least, reckoned without his host.

Having noticed the private letter to Mr. GLADSTONE, from his Corocce correspondent, copy of which was transmitted to Sir C. LEMON, and by

that gentleman properly designated—we approach the second paper, which purports to treat the subject in detail, and to argue the several points, which may be raised by the home miner, in much the same style as a counsel, with a bad case, in his opening speech wishes to anticipate the defence which may be put forward, assuming a line of argument which was never contemplated by his opponent, and fighting with shadows, while the real merits are passed over. Thus it is that Mr. Gladstone's correspondent hopes to entangle the Minister in the meshes of a question, which the one understands too well to explain, and which the other, with all explanation, is not likely ever to understand, if we may judge by his acts, for as to his moral conviction that is another thing, and with which we, of course, have nothing to do. We are told that the "importation of foreign copper ores into this country is of comparatively recent date." Admitted; 1832, 579 tons ore, or 66 tons copper, value 5360/L—while in 1844 it is assumed by Sir C. Lemon as 11,754 tons copper, which, if taken at an average of 17 produce, would give us about 70,524 tons of ore, which, if again taken at 12/L per ton, would yield an amount of 846,288/L, or nearly equal to the value of the ore raised in Cornwall. So that, since the comparatively recent date when foreign copper ore was introduced—viz., twelve years, we find an advance of from 5360/L to 846,288/L, which is merely 150 times as much—no small trifle to contend with. Let us, however, proceed, and having canvassed the arguments (?) put forward by the apt commentator and adviser, as they present themselves, advert to the masterly reply of Sir C. Lemon. We have next a truism—for Mr. Gladstone's correspondent deems it necessary to inform the Minister that, antecedent to the recent alterations in the tariff, foreign copper ore we allowed to terly reply of Sir C. LEMON. We have next a truism—for Mr. GLADSTONE'S correspondent deems it necessary to inform the Minister that, antecedent to the recent alterations in the tariff, foreign copper ores were allowed to be imported under bond free of duty—the condition of the bond being, that an equal quantity of unmanufactured, or cake, copper, should be exported within a given time. The operation of this regulation, we are told, was, that, as the export demand for unmanufactured copper did not of late years equal in amount the quantity of copper contained in the foreign ores imported, the British smelters have been compelled, in order to compelled, in order to comlate years equal in amount the quantity of copper contained in the foreign cres imported, the British smelters have been compelled, in order to comply with the obligations of the bonds entered into, to force sales on the continent, whereby a reduction in the value, as compared with our home markets, was the necessary consequence. All this, we are free to admit, and we repeat now what we said at the time that such argument was advanced, three years since—that such was the British miners' protection. We have before us a table, drawn up at the time of the relative exports of British and foreign copper for four years, from which it appears that, in 1838, the quantity of British cake copper exported was 2061 tons; that of foreign cake 1549 tons—or a difference, in favour of British, of 512 tons. In 1839, British, 1108; foreign, 1920—or, in favour of foreign copper, 812 tons. In 1840, British, 1014; foreign, 2247—establishing a further increase, the difference being, in favour of foreign copper, 1233 tons, or upwards of 100 per cent, while, in 1841, the exports of British cake had dwindled down to 495 tons, and that of foreign advanced to 3223 tons—being a surplus of 2728 tons; the foreign copper being six times the quantity of British—the total for the four years being, British cake, 4678 tons; foreign, 8939 tons.

foreign, 8939 tons.

These are figures sufficient to convey to one of less understanding and more dull of comprehension than Mr. Gladstone, why, with an increasing import of foreign ores, the foreign markets should find themselves glutted—and here, to make our case more perfect, it may be well to take the value of the imports for the four years: in 1838, it was 407,132L; in 1839, 425,746L; in 1840, 613,331L; and in 1841, 734,020L; while the rough estimate we have made of the value of the oresimported during the past year is no less than 846,288L. Thus much for facts and figures. We leave to Mr. Gladstone, the free traders, and the immaculate smelters, to draw their own deductions; to our simple mind, it does not require a

past year is no less than 440,2881. Thus much for facts and figures. We leave to Mr. Gladstone, the free traders, and the immaculate smelters, to draw their own deductions; to our simple mind, it does not require a Walkingame's Tutor, or Tail's Arithmetic. We must, however, not get too critical, but follow the writer closely. It is contended, that had manufactured copper been allowed to be exported, matters would have been widely different, and this we readily believe; but the difference would be at the cost of the home miner—for we find the exports of British manufactured copper, as sheets, nails, &c., to be as follows:—1838, 5412 tons; 1839, 6205;—1840, 6181;—1841, 5055;—Total, 22,853 tons.

Now, up to this time no foreign copper was exported in a manufactured state; but, according to the statistics which precede, it will be seen, that in 1841 the exports of foreign cake copper were 3223 tons, and that of British only 495 tons. We are told, that the quantity of copper contained in foreign ores imported has never equalled the quantity exported, by which, we presume, is meant the quantity of manufactured copper. Admitted; but would this free trader wish that all foreign copper imported should be exported as manufactured copper—as, in such case, perhaps, he will point out some means of application of the produce of our home mines. In 1841, it will be seen that the exports of foreign copper, which we may assume as approximating to the imports, were 3223 tons, while the exports of manufactured copper were 5055 tons, or about 50 per cent. more than the produce of foreign mines imported into this country.

After discussing the merits or demerits of a system which our corre-

more than the produce of foreign mines imported into this country.

After discussing the merits or demerits of a system which our correspondent (or, rather, Mr. Gladstone's, if the latter gentleman had not a spondent (or, rather, Mr. Gladstone's, if the latter gentleman had not a a hand in it himself) tells us was put an end to by Sir Robert Peel's tariff, whereby a sliding scale was introduced; we are then coolly told, that "the effects of this alteration are likely to be most seriously injurious to the interests of all the parties concerned in the smelting of copper ores ('aye, there's the rub'), to the British miner, the collier, the shipowner, and merchant' (the smelter and merchant being like the Siamese twins)—and then comes the conviction of the writer, that these mistaken "protective (?) duties," imposed by the tariff in favour of the British miner should be at once annihilated, effaced from the schedule, and that foreign copper

be at once annihilated, effaced from the schedule, and that foreign copper ores should be admitted duty free.

We are informed, that "at this moment the greater portion of the copper made in this country is the produce of foreign ores," and, therefore, says this casuist, "it would be idle to imagine that any measures taken for the imagined protection of British mines can destroy, or even materially check, the large foreign production." All honey to the British miner, who, we are told in a preceding paragraph, must be most seriously injured by the import of a duty on foreign ores. Sweet words. Hence, it is contemplated by this advocate of the smelto-merchant and the foreign mine adventurer, that should not additional inducements be held out to the latter, he will take his ores to another market; and here is the gist of all his argument. It is amusing to follow him, and one short extract would alone he will take his ores to another market; and here is the gist of all his argument. It is amusing to follow him, and one short extract would alone cause the miner to smile, were he not conscious that the Minister and himself were not brought up at the same school—yet we can hardly imagine any one so stolid as not to be able to understand: the sly hit of the writer; for, says he—" The interests of the British miner will be more affected by the continuance of this system than those of any other party; the smelter (forsooth) may convey his capital and his knowledge to situations where his trade will not be affected by these restrictions, but the copper ores raised in this country must be smelted on the spot, or not at all, for they are too poor to bear the expense of, removal." Hear this, ye Williams's, Vivian's, and Grenfell's. Surely, we shall have a meeting of the good people of Swansea, of Llanelly, of Neath, and of Tybach and Cwm Avon, to petition the smelters not to remove the many hundred stacks which adorn those districts, distributing their arsenical and sulphureous vapours abroad, while they give employment to some three or four thousand individuals, exclusive of the collieries. But let us in sober scriousness ask ourselves this question—Can it for a moment be supposed nour mousand marvauais, excusive of the collieries. But let us in sober seriousness ask ourselves this question—Can it for a moment be supposed that either of the firms we have named, or any other, are wild enough to contemplate removing their plant to a foreign clime. We could enlarge on the theme, but it is too absurd to create more than a smile, which is one of contempt, that a threat so ridiculous in itself should have been put forth by even the smelters advocate.

forth by even the smelters advocate.

We are next told—" It is a fact, beyond dispute, that the duties imposed on foreign copper ores is, with regard to a very large proportion of them, greater than the advantage, in point of economy in smelting, which this country possesses, and that the duty on the poorer class of ores has led to their conversion into pig copper and copper regulas in South America." Is it necessary that we should tell this "wise-acre" that, whether there is a duty or not, the proper class of cres will ever beconverted into pig rica." Is it necessary that we should tell this "wise-acre" that, whether there is a duty or not, the poorer class of ores will ever be converted into pig copper or regulus, if alone to save freight and carriage, where facilities are afforded on the spot, by the contiguity of timber as fuel; but, perhaps, he is unacquainted with the fact, that there are thousands of tons lying at the Cobre and Santiago Mines of a produce of 8, which they cannot convert into regulus for want of fuel, while the heavy freight of 50s, to 60s. per ton, added to the returning charges of 55s., with insurance and other incidental expenses, preclude its importation, under any circumstances, into this country, whether there be a duty or not. Why does not this gentleman advocate a hounty being given on all ores imported into this country by foreign vessels?

country by foreign vessels?

We are next told that the United States are making efforts—in fact, have actually published prospectuses, for the establishment of smelting works for the conversion of the Cuba ores. We repudiate the idea—the conversion

of Pennsylvanian bonds into American dollars is much more likely. We

of Pennsylvanian bonds into American dollars is nuch more likely. We must otherwise first suppose that coal can be raised and delivered into the smelting works at 3s. 6d. to 4s. 6d. per ton—next, that the site of those works are convenient to the point of delivery and aliment—then, that they find in the United States an admixture of the poor ores (which wo are to be deprived the power of smelting in this country), so as to mix with the rich ores from Cuba, and which, it is notorious, is necessary in the process of smelting. All this, we suppose, we are to take for granted, and the rate of labour being so much buser in America man in England, there can, of course, be no doubt but that America will one two or other rival England in her smelting establishments. We shall see—that is, if it be in our time. We do not think it necessary to travel further in company with Mr. Gladston's representative, for we find the space between us so great, that we fear, if we proceed another stage, we shall lose sight of each other, as he appears to have done that of his subject, and more especially the interests of the British miner.

We have already carried our remarks to so great a length, that we must needs be brief in our notice of Sir Charles Lemon's reply, which, however, is so concise and plain, that it requires but little remark. He undestitutingly denies the correctness of the position assumed by one of Mr. Gladston's correspondents, for, as he justly observes, with reference to the parties who are said to be aggrieved, that neither the British miner, the collier, the shipowner, or the merchant complains; it is (says he) "the smelter and foreign miner who alone complains," and, as he observes, how justly, may be best understood by a table which the hon. Member introduces, showing the quantities sold at ticketing and by private contract, to be in the past four years—British ores 57,084 tons, and foreign 30,456 tons, which, if we allow for English ores a produce of 8 per cent., would give us for home produce 4566 tons of co 14.7 to 11.8—no inconsiderable advance, as will be seen if tried by the same test as that we have previously adopted. In 1841 the produce of British mines was 1077 tons of copper, and that of foreign 1510; in 1844. British 1178, and foreign 1998 tons—thus, as Sir C. Lemon observes, exhibiting a constant and rapid increase since 1841, comparing the last year with the year before, the increase was 17½ per cent., and, comparing the two last years under the tariff with the two previous years under the bonding system, the increase has been 16½ per cent. "Facts and figures" Sir

two last years under the tariff with the two previous years under the bonding system, the increase has been 16½ per cent. "Facts and figures" SI CHARLES, and with a firm bold front, with confidence and determination, we think that the Minister will think twice ere he acts once.

We must now needs take leave of the subject; however, we shall resume its consideration in our next, when we shall report the result of the meeting at Truro, convened pursuant to a requisition, signed by Mr. Treffer and others, embracing in the list Mr. MICHAEL WILLIAMS. We are glad to find this gentleman acting with the mining interest, and confess we have some curiosity to ascertain the course he will pursue. We know which way interest would lead; but there is such a thing as principle—and this, we doubt not, Mr. WILLIAMS will maintain, and establish the character of a Cornishman, as being sufficiently independent to be honest; and well pleased shall we be if in the end we find that this will apply to "One and All."

More than ordinary interest has been evinced by the commercial world in the proceedings of the North Kent Railway Company—one of the lines reported against by the Board of Trade. On Wednesday, a meeting of the shareholders was held; a report, pointing out the advantages of their own, and the disadvantages of their rival's project, and recommending the prosecution of their bill before the House of Commons, was read, and unanimously adopted. Resolutions were also put and carried, authorising the receivisional committee to proceed summarily in corposition to the profession. nimously adopted. Resolutions were also put and carried, authorising the provisional committee to proceed summarily, in opposition to the unfavourable report of the Board of Trade. To carry out these measures the more efficiently, an advance of 10s. per share was advised, and cordially agreed to; at the same time, an offer being made to those who were unwilling to proceed further, to return them their money, without the slightest reduction. These proposals were warmly responded to by a full meeting of shareholders, and—with the exception of a few dissentients, who approved the decision of the Board of Trade, on the grounds that an amalgamation between the North Kent and South-Eastern lines being inevitable, and even then contemplated, it was better that such a result should be come to at once, than deferred to a period when it would be prejudicial to the country and to the shareholders—were carried unanimously. With be come to at once, than deferred to a period when it would be prejudicial to the country and to the shareholders—were carried unanimously. With these remarks the meeting did not appear to concur, and the resolutions were, as we observed, carried by a large majority. The effect of these proceedings will, doubtless, be considerable on other companies similarly situated; hitherto, disappointed lines had been in abeyance, undecided whether to incur the expense of a Parliamentary battle with the Board of Trade and their more fortunate opponents, or withdraw from the disputed field. The decided step taken by the Norfh Kent is certainly important at the present juncture, if not on the individual interests concerned, at least in its influence on the conduct of others. in its influence on the conduct of others.

A case of some importance, as relates to transactions in shares, is, we understand, likely to come before the public, which will tend to expose the system too frequently adopted in certain districts, not 1000 miles from Liskeard, and which will, doubtless, in a great measure, account for the fallacious value too frequently attached to many mines in that locality. In the mines to which we refer, proceedings have only just commenced, it would, therefore, be premature to say more, or name the parties concerned, until we are in possession of further information, when we shall be ready to lend our aid in exposing and condemning the conduct of the practice, which we are afraid is too often adopted, and which must necessarily militate against all legitimate mining. arily militate against all legitimate mining

In another column will be found a pretty full abstract of the proceedings of the Australian Agricultural Company during the year 1843, as furnished by their report to the annual meeting of proprietors on Tuesday last. We congratulate the company on the success of their arduous labours in the colony, amid a depression which, now of nearly five years' duration, has paralysed all commerce, and even labour, in New South Wales. The continued and assiduous efforts of the directory, ably seconded by their commissioner abroad, and responded to generously by the whole establishment in the colony, have, however, surmounted difficulties of sufficient magnitude to discourage the most sanguine. The company, neverestablishment in the colorly, have, however, surmounted difficulties of sufficient magnitude to discourage the most sanguine. The company, nevertheless, has prospered, and, despite their temporary difficulties, has so far surmounted them as to justify a dividend of 15s, on the paid-up shares of the joint company. Such a result must not only be gratifying to the directors, but satisfactory to the several proprietors, and again we congratulate the company on this proof of gradual but decisive success for the past, and earnest of steady improvement for the future.

past, and earnest of steady improvement for the fature.

On Tuesday evening, the vice-presidents of the Society of Arts gave a conversazione at their institution, in the Adelphi, on a scale of liberality and splendour suitable to the high character of its objects and pursuits. The suite of apartments is admirably adapted for a re-union of this description, and on this occasion presented a tout ensemble of elegance and brilliancy gratifying aiike to the rank and science of the crowded company. The models, designs, and other specimens of ingenuity, displayed the nicest taste of the secretary (Mr. Wishaw) in their disposition and appointments. The beautiful model of the new prirciple invented by Mr. Pilbrow, to be applied to the atmospheric railway, and which promises to obviate the chief defects in that system, elicited universal attention, and in answer to several searching questions, the inventor satisfactorily refuted all objections, and appeared to establish his ground ably and successfully. The electric telegraph was also an object of intense interest, and its principle fully exemplified by Mr. Cooke (the co-patentee with Mr. Wheatstone) and Mr. Roberts (his assistant). Several sentences were transmitted with exactitude from one end of the room to the other, being first described by the manipulator on the dial. Mr. Cooke, in the course of the evening, stated, that with a slight modification in the symbols, the principle might be adapted to an infinite variety of uses, and that, independently of its applicability to conversation, express, reports, &c., it might be easily converted into a medium whereby musical compositions might be transmitted, chess played, and at incredible number of such communications be carried on between distant parties. Beautiful specimens of electro-gilding, silvering, &c., as well as of the solid deposit, were displayed to great advantage, and excited the admiration of a fashionable and talented assembly; nor were entertainments of a less grave character wanting. Refreshments were li

RAILWAYS IN IRELAND.

We have been obliged through a press of matter to defer much long than we should have wished directing the attention of our readers to the various schemes now before the public for extending to Ireland the invaluable benefits to be derived from railway communication. None can be

Inable benefits to be derived from railway communication. None can be more rejoiced than ourselves that such a prospect is not only in view, but of their existing every probability that the great majority of Irish railways now projected will be found a profitable investment for British capital, and, as such, receive the sanction of the Legislature.

It is by such great national works that Ireland will, we trust, be eventually raised from her present lowly and degraded position. Political and religious agitation has, we should hope, done its worst. The attention of the people is now being directed to the promotion of the industrial interests of the country—to the judicious development of its great resources—and to the extension of their trade and commerce, by the great facility of international communication afforded by railways. The abundance of British capital, and the readiness with which its possessors invest it in any speculation that promises a fair return, is at this time most fortunate for Ireland. Most of our readers are, no doubt, aware, that there exists at the present time but three railways in Ireland—viz., the Dublin and Kingstown, the Ulster, and the Dublin and Drogheda, their aggregate length being sixty-two miles. It is many years since these lines were commenced, being sixty-two miles. It is many years since these lines were commenced, and the Ulster Railway, which was to extend from Belfast to Armagh, thirty-six miles, is not yet completed.

Up to the autumn of last year, no further movement worth mentioning

Up to the autumn of last year, no further movement worth mentioning was even attempted in Ireland; but at that period the great abundance of money in the English market, and the difficulty of finding a good investment at home, tempted some of our capitalists to extend their researches to Ireland, more, we fear, as a dernier resort, than with any strong hope of being able to turn their enterprise to a good account. They were, however, agreeably deceived. The existing state of communication throughout the country, so lamentably inferior to what it is in this—and, indeed, most other European countries—was brought under their immediate notice, and they saw enough to satisfy them that capital might not only be safely, but also profitably, invested in many railway undertakings in Ireland. The immediate result of this conclusion was, the projection of the Dublin and Cashel line. The undertaking was proved to be sound, and the returns renumerative; the shares were rapidly taken up, and soon rose to a premium of 2L or 3L; and so anxious was Government for the bill the returns remunerative; the shares were rapidly taken up, and soon rose to a premium of 2*l*. or 3*l*.; and so anxious was Government for the bill being immediately brought in, that all the Standing Orders of the House were suspended for that purpose, and the bill passed with little or no opposition. Such was the commencement of the railway movement in Ireland, destined, as we trust it is, to work out a great change, moral, social, and political, in the habits and feelings of the people. The Dublin and Cashel bill was the only one brought in during the last session; but most of our readverting columns have abundantly of our readers are aware—as our advertising columns have abundantly testified—that the impetus thus given to railway speculation in Ireland, by the facts elicited before the committee, has received no check up to the present time. Estimates and plans for the construction of six hundred

present time. Estimates and plans for the construction of sax numered miles of railway—involving an outlay of capital to the amount of upwards of eight millions sterling—are now before the Board of Trade.

We shall now notice the general grounds—more or less applicable to all railway speculations in Ireland—relied on by the projectors of the different schemes, in proof of the soundness of their respective undertakings:

—1st the cost of construction, on account of the cheapness of labour in ferent schemes, in proof of the soundness of their respective underrakings:
—1st, the cost of construction, on account of the cheapness of labour in
Ireland, will be much less than in England; 2d, the moderate price of
land, owing to the strong support given by the landed proprietors to the
different companies; 3d, the comparatively small expense, under such
circumstances, of obtaining their respective bills; 4th, the great improvements that have taken place in railway construction and management;
and 5th the anxious desire of the people generally to avail themselves of

and, 5th, the anxious desire of the people generally to avail themselves of the facility of travelling which can alone be afforded by railways.

Our remarks have extended so far beyond what we purposed, that we must confine our observations for the present to the lines projected in the north of Ireland. Those of the south, east, and west, we shall take an

Belfast and Ballymena (with a branch to Carrickfergus).—Length, thirty-five miles; capital, 385,000%. This line has received the approval of the Board of Trade, and should pay well; there is a considerable traffic

and good trade between the two towns, and the gradients are fair.

DUBLIN AND BELFAST JUNCTION.—Length, seventy-nine miles; capital, 950,000l.; this line joins the "Ulster" at Portadown. Some of the gradients are very heavy; the shares are at 21. 10s, premium. The traffic on the line will, no doubt, be very considerable; but we certainly think it cannot be constructed for the sum named.

DUBLIN AND ARMAGH.—Seventy-eight miles; capital, 800,000l. This

cannot be constructed for the sum named.

DUBLIN AND ARMAGH.—Seventy-eight miles; capital, 800,000/. This line has been rejected by the Board of Trade, and, we think, very properly. It would have been in opposition to the Dublin and Belfast Junetion, and, although it would have afforded great inland accommodation, it could not have paid.

Appendix Armagham And Populary and Populary Sixty sight miles a conital.

Armagh, Coleraine, and Portrush.—Sixty-eight miles; capital, 20,000. This will probably be the best paying line in the north of fre-ind, as the districts through which it will pass, according to the Report of the Railway Commission, are the most densely populated in the country. The gradients are highly favourable, being, on an average, 1 in 320. Portrush is an excellent and capacious harbour in the north of Ireland, and contiguous to two fashionable watering places. This line was favourably noticed a few days since in the City article of the *Times*.

DUNDALK AND ENNISKILLEN.—Seventy-seven miles; capital, 750,000l.

NEWRY, ARMAGH, & ENNISKILLEN.—Seventy miles; capital, 900,000l.

These two lines, under certain conditions, have received the approval of the Board of Trade; a joint line is to be constructed as far as Clones, where the core test increase. where they are to diverge. We fear very much, what might have been made one good paying line, will not do for two; we certainly would have wished that the Board of Trade had rejected either one or other in toto. In a doubtful matter, it is better to be on the safe side, and the approval of one or other should have been deferred—at least, for this session.

GREAT NORTH-WESTERN—DUBLIN TO CAVAN.—Sixty-eight miles; pital, 750,000l. But a few words on this line is necessary, it having been rejected by the Board of Trade, as it would to some exact, thaving oeast with the Dublia and Drogheda Railway. We much regret, so far as the country is concerned, the circumstances that obliged the Board to reject this line, but the decision was anavoidable.

LONDONDERRY AND ENNISKILLEN.—Fifty-seven miles; capital, 500,000L

This line, if property projected, should pay well; but, for the special benefit of Derry, the line takes the north side of the Foyle, instead of the south—the extra cost so incurred will be about 140,000l. The bill in its present form cannot, we feel satisfied, pass the Board of Trade. The in-terests of English shareholders cannot be sacrificed to the mere convenif particular localities. have now finished our list, and have given our own unbir

nion, so far as opportunities have allowed us to judge. We would, how-ever, strongly recommend our friends, before investing their money in any railway, to think and judge for themselves.

IMPROVED COMMUNICATION WITH IRELAND .- Within a very short time the

"GREAT BRITAIN."—This magnificent specimen of the art of shipbuilding, which is now moored off the Brunswick-pier, Blackwall, will well repay a visit. We have already described its main features, but expect shortly to be favoured with a more particular account of its machinery and fittings, from its notes of a practical marine engineer, and which we shall have pleasure in submitting

THE IRON TRADE-RAILWAYS AND SHIP-BUILDING.

It gives us sincere satisfaction to lay before our readers a count of the iron trade. Never do we remember a period when its prospects were brighter, or its improvement more decided. Our information from all quarters is gratifying, that from the north more particularly so. In Durham its value has been materially enhanced, and the trade in Newcastle has received such an impulse, as to warrant us in holding out most

In Durham its value has been materially enhanced, and the trade in Newcastle has received such an impulse, as to warrant us in holding out most sanguine hopes, both to owners of property, consumers, and the mining operative population. And here let us observe, that we are not easily captivated by a temporary fluctuation, nor deluded by an unsteady nervous improvement, which might speedily relapse into dulness, if not depression; but it is after a calm and anxious reviewal of the trade that we deliberately express our conviction that the present improvement is based on solid grounds, and likely to be steady and progressive.

This we consider mainly attributable to the extended adoption of railways; and the impetus which this system has given to the department in question is not confined to the home, but has had its effect on the export trade also. Thus, while the consumption of iron, to furnish new rails, carriages, engines, &c., for this country, has created a large demand in the market—and, to all appearances, that demand must increase considerably for some years, at least—the development of the locomotive system abroad has so raised the value of our trade with Germany, France, and America, that notwithstanding the prohibitory duties in those countries, our export trade in this metal bears an increase for the last over the preceding year of more than 80,000 tons, or in money upwards of half a million sterling. But, independent of the favourable influence produced by railways, there is another, and equally important, circumstance which considerably affects the trade. We allude to the consumption of iron for the purposes of shipbuilding. The vast advantages arising from vessels being thus constructed, as regards speed, safety, and economy, have been so indisputably established, that a general, if not exclusive, adoption of the principle, not only for steamers, but also for sailing vessels, may be fairly anticipated. Here, then, will be a constant enormous demand for iron, which, if our mines are able to supply,

With these prospects before us, we are not over sanguine in expecting a steady improvement in every branch of this industrial department. In reference to the above subject, we may here acknowledge the receipt of a Treatise, illustrating and explaining the improved forms of Iron as of a Treatise, illustrating and explaining the improved forms of Iron as applicable to Ship-Building, by the patentees (Messrs, Kennedy and Vernon, of Liverpool). The improvement they propose is simple, and likely before long to be universally adopted; its nature will be best understood by giving the words of the inventors:—"Iron ship-building has made much progress in this country, but it is still capable of great improvement; and to effect this, in two most essential points, we have directed our attention, by the assistance of practical observation and experience. Although we do not pretend to say that the vessels hitherto constructed are in any danger, from the adoption of iron of the common form for deck-beams and side-frames, we consider that the forms we have invented, and for which we have taken out a patent, effect the object of uniting the maximum of strength with the minimum of weight in the highest degree. There is no part of a ship to which strength is of more consequence than in deckpart of a ship to which strength is of more consequence than in deck-beams and side-frames; they are the bonds which keep it together, and, if they remain firm, there is no danger to any part of a vessel, built of proper materials, and scientifically constructed. We have already used this patent iron in several steam-vessels we have lately built, and are sethis patent iron in several steam-vessels we have lately built, and are sa-tisfied of its superiority over every other shape of iron hitherto in use.— Heretofore, iron vessels have generally been constructed with angle iron,

usually employed for the rise of vessels, and also by uniting one or two pieces of this angle iron with a plain bar of iron, and sometimes with rolled iron. Both these systems, it is well known, are not so strong as a bar of iron, having ribs or flanges on both the top and bottom edge."

The importance of this application to ship-building must be manifest at one view, by placing the greatest quantity of iron in the weakest parts, which thus, with a trifling addition of weight, affords tenfold stability and strength.

Lord John Russell has lately written a most sensible letter, in reply to a communication from the Spitalifields Weavers' Union, on the subject of Taxing Machinery. The following extract will convey the views of the Union, and his lordship's opinion of the inexpediency of the measure:—

"While you seek to put fresh restrictions on the skill and ingenuity of mechanical inventions, it will not be in my power to assist your endeavours for the benefit of the sawyers. If I were to do so, I could not stop with your grade. Nailynekars are in a similar condition, owing to the new man. your trade. Natimakers are in a similar condition, owing to the new machinery for the manufacture of nails; other artisans and agricultural labourers will pray for the like interference, to prevent the use of new machines which interfere with manual labour. Now, my belief is, that these chines which interfere with manual labour. Now, my belief is, that these inventions tend to the improvement of our condition as a people, and enable us to support the great weight of taxation to which we are subjected. Ever since I have known this country, machinery has been in progress towards perfection, performing more and more the task of human hands, and, at the same time, a great number of people have found profitable employment." In these observations we fully and heartily concur—they are true in every particular, clear and incontrovertible. They cannot be too freely discontinued and adopted for we regard the laving duties on machine. freely disseminated and adopted, for we regard the laying duties on machinery as (in the words of his lordship) "a perilous course, which would soon enable foreign nations to outstrip us in the score of competition."

chinery as (in the words of his fordship) "a periodic course, which would spon enable foreign nations to outstrip us in the score of competition."

Institution of Civil Engineers.—At a meeting of the members, on Monday last (W. Cubitt, Esq., V.P., in the chair), Sir John Rennie was elected President of the Institution, in the room of J. Walker, Esq., who has resigned. Electric Telegraph took place on the South-Western line yesterday week. As we have already stated, it was constructed for the use of the Admiralty and the company, by Messra. Cooke and Wheatstone, the patentees, and extends from Gosport to Nine Elms—a distance of eighty eight miles. The experiments commenced shortly after ten, and a long conversation kept up with the greatest precision between Mr. Cooke and his assistant at London. The success of the system was thus indisputably proved; but to render public confidence greater, Professor Wheatstone commenced about noon the following day to dispatch signals from Nine Elms, and the experiments invariably met with the same gratifying result. The professor's new magneto-electric telegraph was afterwards brought into a long circuit of wire, and worked admirably through 280 miles. In this apparatus, a steel magnet is the source of power—and, consequently, the latteries are altogether dispensed with. It may be remarked, that the weather was exceedingly unfavourable for the experiments; nevertheless, the insulation was perfect. The entire cost will be about 24,000%, to be borne equally by the Admiralty and company, and the Government are now in treaty with the Chester and Holyhead Company for laying down sections on that line. Thus, after eight years' perseverance, have Messrs. Cooke and Wheatstone arrived at a result as important to the commercial and political world, as satifactory to the inventors. The last difficulty has now been overcome by the present system of insulation, and we have only to congratulate the country on his stupendous triumph of modern science.

MABYPORT AND CARLISLE RAILWAY.—This li

MARYPORT AND CARLISLE RAILWAY.—This line is now open for the traffic of goods. On Thursday ten waggons of beautiful coal were delivered at Dalston, from Mr. Harris's pit, of Oughterside, and two waggons of lime of excellent quality. The different stations between Aspatria and Carlisle will now be regularly supplied with coal and lime, and by the 1st of February the whole of the line, it is expected, will be ready for passengers.—Newcastle Advertiser. IMPROVED COMMUNICATION WITH IRLAND.—Within a very short time the works on the Chester and Holyhead Railway will be commenced, everything being now ready for immediate operations, which are only delayed till the meeting of the directors on Wednesday next shall have let the contracts for directors on Wednesday next shall have let the contracts for directors on Wednesday next shall have let the contracts for directors on Wednesday next shall have let the contracts for directors on Wednesday next shall have let the contracts for directors on the directors on Wednesday next shall have let the contracts for directors on the line. Its route, which was favourably reported on by the Railway Committee in 1840, is by Holyhead and Bangor, and the Government have contracted in the conveyance of mails, at the rate of 30,000. Per amum for seven years. The line, which will eventually extend eighty-four miles, is expected to be completed in about three years. This will materially increase the facility of intercourse between the two countries, and we anticipate the most beneficial results in more respects than one.

TALACRE COAL AND IBON COMPANY.—On Friday, the 24th ult., a motion was made in the Court of Queen's Bench, Dublin, on the part of the defendant, for leave to strike a special jury forthwith, in the case of Howard c. Shaward c.

Original Correspondence.

T EFFECTS OF EARTHQUAKES ON CLOCKS.

EFFECTS OF EARTHQUAKES ON CLOCKS.

Sin,—The communication of Mr. Hopkins excited in me, I will confess, a lively interest. The former part proves its relation to the formation of metallic veins, and the latter portion shows the connection of the phenomenon with electricity. Cross-courses filled with the debris of lapideous matters, range from south, or a little to the east of south, to north, or a little to the west of north, while metallic veins charged with mineral matters, agreeable to volta-magnetism, are found to maintain a direction as right angles with the electric current. These and similar facts are in perfect keeping with the beautiful researches of R. W. Fox, Esq., of Falmouth, Hull, Jan. 27.

J. Murray.

THE DISCOVERY OF GOLD ORES IN NORTH WALES.

Sir,—I regret to observe, that Mr. A. Dean, after a silence of two months, should have again presumed, in his letter of the 30th ult., to claim the discovery of gold ores in North Wales. I am aware that the valuable space of your paper should be filled with much more useful matter than a controversy between Mr. Dean and myself; but in this instance, for my own reputation, I beg the insertion of the underwritten facts.

I have only to repeat, that in the year 1836, I found samples of gold ore, which were then assayed, and the result communicated to several highly respectable persons in London; but, believing the Government would not sanction the working of such ores, I allowed the subject to remain silent, until the year 1843, when further samples of gold ores were found by me, and examined by and shown to several persons of character THE DISCOVERY OF GOLD ORES IN NORTH WALES.

found by me, and examined by and shown to several persons of character in this neighbourhood, and the like information conveyed to the Govern-ment agent for the district. As to Mr. Dean's denial of the information being given to him by me, that gold ores were to be found in this county, being given to him by me, that gold ores were to be found in this county, I can only attribute it to a treacherous memory—for I still repeat the assertion, that to me, and to me only, Mr. Dean has to be thankful for his first acquaintance with the above facts; and, to convince you, Mr. Editor, and the public, that I was not "totally ignorant of the matter," as Mr. Dean wishes it to be believed, I beg to hand you an extract from hie letter, sent to me—first informing you, that I had forwarded to Mr. Dean, in London, for the purpose of being assayed for the precious metals, some samples of gossans I had found. The extract is as follows:—"I write to request you not to give any information to any one but Mr. Harvey, as to where you got the samples of gossan ore from."

I am afraid, Mr. Editor, that I have already trespassed too far on your valuable paper, but, with your permission, I will only add a few lines on

valuable paper, but, with your permission, I will only add a few lines on the honour Mr. Dean would endeavour to confer by making me his agent. In his letter, he thus writes—"that during the month of December, 1843, and January, February, and March, of the present year, Mr. Roberts continued to act as agent under my orders." To this I reply, that the assertion is anything but correct; and I most distinctly deny being either in his or his ampliance's series one hear or that I were received any remneration. and January, sebruary, and March, of the present year, Mr. Roberts continued to act as agent under my orders." To this I reply, that the assertion is anything but correct; and I most distinctly deny being either in his or his employer's service one hour, or that I ever received any remuneration—at the same time, it is fair I should state, that, pending the negociation for the sale of the mines, Mr. Dean was several times in Delgelley, and, being a stranger in the county, yet apparently taking great interest for the intended purchaser, I did in several instances, at the request of my employer, give him much valuable information, thinking it would assisting the management of the mines and rever swicingting that unfair

employer, give him much valuable information, thinking it would assist him in the management of the mines, and never anticipating that unfair advantages would be endeavoured to be made of such communications. I will now conclude by saying, that in my previous letter I certainly had no intention, as Mr. Dean would imply, to deceive you, Mr. Editor, or any other persons, "by pretended ignorance as to his operations;" but I think it would be desirable, for his own sake, if all parties could be kept in ignorance of the system that has been pursued under his management. Doluwcheogryd, Dolgelley, Jan. 24.

[We regret that there should be occasion for our correspondent's letter, inasmuch that Mr. Dean must have either known the facts communicated in the letter of Captain Roberts, or he has innocently committed himself by asserting that which our correspondent would designate as being something more or less than the truth. We trust, however, that Mr. Dean will feel it a duty imposed on him to set the matter right, by acknowledging the correctness of the repre-

than the truth. We trust, however, that Mr. Dean will feel it a duty imposed on him to set the matter right, by acknowledging the correctness of the representations of Capt. Roberts, and that the amende honorable will be made, which, while it will at once relieve the parties from any false impression which the correspondence is calculated to convey, will, we hope, be alike satisfactory to both—regretting, as we do, that any controversy in our columns should have arisen on a matter of no other general interest than the discovery of gold in the gossan of lodes in North Wales. We have the assurance of a correspondent, in whom we can place every confidence, that the statement of Capt. Roberts may be relied on; and it is only necessary to add, that we have every reason to believe that he would not make a statement which would admit of doubt.]

THE IRON TRADE-ENGLAND AND SCOTLAND.

Sit.—The writer of the article in your last publication, headed "The Iron Trade of Scotland," appears to be quite ignorant of the fact, that pig metal, and malleable iron of very superior quality to any that can be produced in Scotland from the black-band, is made in the counties of North-umberland and Durham, though not yet ranked as iron-making districts, and at prices that bids fair to exclude from these extensive consuming localities all untell suitable for mechanics, and every other purpose where and at prices that bids fair to exclude from these extensive consuming localities all metal suitable for machinery, and every other purpose where strength is required. It is surprising that capitalists should have so long overlooked the great capabilities of the iron-fields of Darham and North-umberland, and which circumstance is noticed by an able writer on the subject in the last edition of the Encyclopedia Britannica, vol. xii., p. 431, as follows:—"In glancing at the different iron and coal-fields of Britain, it is matter of astonishment that Northumberland and Durham, possessing within themselves all the requisites for the iron manufacture, should yet be so far behind, compared with much less favoured districts. The only way of accounting for this apparent spathy to extensive mineral treasure, is the fact, that the attention of capitalists in that part of the country has hitherto been exclusively devoted to the working and exportation of the hitherto been exclusively devoted to the working and exportation of the coal alone."—Newcastle-on-Tyne, Jan. 30.

NORTHUMBRIA.

ARSENIC IN CANDLES-CAMPHINE LAMP.

ARSENIC IN CANDLES—CAMPHINE LAMP.

Sir,—You will, no doubt, have noticed the verdict given in the case of one of the workmen in the manufactory of the "composite candles" of Le Paige and Co., in the Borough—viz., that he "died from the mortal effects of the arsenic "used in the manufacture of these candles. It turns out that many use nine ounces, where they use "only two." Only two ounces!—quite sufficient, in all truth, for the destruction of health, and even life. Arsenic is employed to give these candles a waxu papearance. ounces !—quite sufficient, in all truth, for the destruction of health, and even life. Arsenic is employed to give these candles a waxy appearance. I hope the remarks I have already made will operate as a caution, if not as a caveat, against the use of composite candles, or by whatever other name they may be called. Price and Co. say there is no arsenic in their composite candles, and it may be so, but I freely confess I would require a strong guarantee in a question of such serious moment.

I have been informed that Dr. Ryan, of the Polytechnic Institution, has given an opinion unfavourable to Young's Patent Vesta, or Camphine* Lamp. I should be glad to know his reasons, and from what source he could obtain as pure and beautiful a light, with as much salubrity and safety. We rejoice in its continued use, and the longer we use it we like it the more.—Hull, Jan. 27.

COAL MINES.

We rejoice in its continued use, and the longer we use it we like it the more.—Hull, Jan. 27.

COAL MINES.

Sir.—I confess that Tike the sentiments of "A Looker-on," in your last, better than the memorable one in a former Number of "A Passer-by." As far as I understand the proposition referred to, it seems to differ in no respect from the "safety urn" proposed by me as early as 1829, to consume the fire damp on the spot. It should never be forgotten, that carbonic acid gas is the invariable product of the combustion of "fire damp," and that this noxious gas, when in quantity insufficient to overpower the lungs, and cause instant death, acts, even in minor proportionals, as a narcotic poson on the brain. I have never seen Messrs. Lyell and Faraday's Report to Government. I applied to Sir James Graham for a copy, but, was refused, on grounds not very intelligible; judging, however, from extracts I have seen, they have certainly "stolen a leaf out of my book." and, as far as I can learn, without acknowledgment, as the following extract from my Communications on Coal Mines, page 13, will testify:—"In order to get rid of it ("fire damp), I would recommend that pipes, perforated at intervals, on their circumference, attached to the roof, be distributed in the various recesses of the mine, and thus receive the gas in their different ramifications; these pipes entering a main trunk or channel, the light carburetted hydrogen is finally conveyed to an air-tight furnace at the bottom of the upcast shaft, where it is consumed," &c. This differe in nothing from the plan recommended by Messrs. Lyell and Faraday for freeing the goaves of "fire damp," However, Sir, I really feel sow, that any allusion to topics like these on my part must be unwelcome to you, for you have expressly said, and as plain as language could enforce it,

of or

that what you are pleased to call "practical men" should have the exclusive management and direction of these things, to the exclusion of science and scientific men, and, in sober scriousness, a fine thing they have made of it, in the continued wholesale destruction of human life, and in hecatombs of victims! Verily, Sir, the sympathy of the public will then have been awakened in vain! I want to see practice illuminated by the light of science, and guided and directed by the aid she proffers in the application of the laws of Nature, which are unvariable and immutable, and which he alone who has studied them can know. I defy you to point out a single coal mine in the British dominions worked in accordance with these laws, or benefitted and blessed by the aid which science can assuredly bestow. Having made these observations in vindication of myself and other scientific men, who have directed their special attention to this deeply interesting subject, I once for all take my leave of the question.

Hull, Jan. 27.

J. Murray.

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Mining Correspondence.

ENGLISH MINES.

ENGLISH MINES.

HOLMBUSH MINING COMPANY.

Jan. 27.—The sump winze is down to the 120 fathom level, and the sumpmen are now employed driving south towards the lode. In the 110 fathom level, west of Hitchins's shaft, nothing more has been met with south, and the men are now driving west on the lode discovered some time since; in the stopes east and west of Michell's winze, the lode is one foot wide, and worth 162 per fathom; in the stopes west of Lobb's winze the lode is fifteen inches wide, and 25d, per fathom; in the stopes west of the sump winze the lode is sixteen inches wide, and worth 12l, per fathom. In the 100 fathom level, west of Hitchins's shaft, the lode is one foot wide, and worth 15l, per fathom; in the stopes west of Forest's winze the lode is fifteen inches wide, and worth 14l, per fathom; in the stopes west of the south cross-cut the lode is one foot wide, and worth 18l, per fin. In the ninety fathom level, west of Hitchins's shaft, the ground continues favourable; in the winze sinking below this level the lode is six mehes wide, with stones of ore; in the stopes east of Pearce's winze the lode is is twenty inches wide, and worth 25l, per fathom; in the stopes at Hitchins's shaft the lode is twenty inches wide, and worth 25l, per fathom; in the stopes at Hitchins's shaft the lode is the ninches wide, with stones of ore; in the stopes cast of Pearce's winze the lode is twenty inches wide, and worth 25l, per fathom; in the stopes at Hitchins's shaft the lode is ten inches wide, worth 8l, per fin.; in the winze sinking below the eighty end, in the rise above this level, the lode continues small and poor. Our next sampling will be about 190 tons of good quality ore.—T. Richards.

shaft the lode is ten inches wide, worth 8t. per nn.; in the winze sinking velow the eighty end, in the rise above this level, the lode continues small and poor. Our next sampling will be about 190 tons of good quality ore.—T. Richards.

United Hills Mining Company.

Jan. 28.—In the eastern end, at the eighty fathom level, the lode is five feet wide, 2 ft. 6 in. of which is ore of fair quality; in the western end the lode is four feet wide, one foot on the north part producing good ore. In the eastern end, at the seventy fathom level, the lode is three and a half feet wide, two feet good ore; in the western end the lode is four and a half feet wide, fifteen inches on the north part producing ore of average quality. In the eastern end, at the sixty fathom level, the lode is three and a half feet wide, two feet good ore; west of James's, the lode is four feet wide, two and a half feet ore of fair quality, looking kindly; in the winze the lode is four feet wide, two and a half feet ore of fair quality, looking kindly; in the winze the lode is four feet wide, two and a half feet wide, two feet good ore; in driving south the ground is rather more favourable for driving than last reported. The lode in the thirty fathom level is small and unproductive. At Wheal Sparrow, in the eastern end of the fifty fathom level, the lode is two and a half feet wide, ore foot on the north part ore of low quality; in the western end the lode is two and a half feet wide, ore ythroughout, of a coarse quality. In the eastern end, at the forty fathom level, the lode is three and a half feet wide, producing but little ore; in the western end the lode is three and a half feet wide, producing some ore, but not rich; in the winze the lode is two feet wide, producing some ore, but not rich; in the winze the lode is two feet wide, one foot on the north part ore of average quality. The lode in the ten fathom level, west of Henwood's shaft, is eighteen inches wide, worth 7t. per fathom; price for driving, 6t. 10s. per fathom; tribute, when set,

two feet wide, producing a little ore; price for drying, 22, 103, per latino.

WEST WHEAL JEWEL MINING ASSOCIATION.

Jan. 27.—The 100 fathom level west, on Wheal Jewel lode, is without alteration since our last; the 100 east on ditto is still worth 6l, per fathom. The eighty-five east on ditto is worth 5l, per fathom; in the winze sinking below this level the lode is worth 8l, per fathom; in the eighty-five west on ditto the lode is mine inches wide, unproductive. No lode taken down in the western winze, sinking below the seventy on ditto, in the past week; in the winze sinking below the same level, east of little cross-course, the lode is worth 8l, per fathom. The eighty-five west, on the new lode, is six inches wide, composed of spar and mundic; the ground in the eighty-five cross-cut north is still favourable for driving. In the thirty east on Morcomb's the lode is eighteen inches wide, composed of peach, mundic, and spar. The lode in Wilkinson's engine-shaft, sinking below the fifteen, is two feet wide, composed of spar and stones of ore.

R. Lean. R. Johns.

inches wide, composed of peach, mundic, and spar. The lode in Wilkinson's engine-shaft, sinking below the fifteen, is two feet wide, composed of spar and stones of ore.

TRELEIGH CONSOLS MINING COMPANY.

Jan. 25.—In the eighty fathom level, at Christoe's, the sumpmen are cutting a platt at the engine-shaft, preparing to sink, and the tributers are at work in the bottom of the eighty fathom level east. Garden's shaft, below the seventy, is sinking in the country, under said level, and preparing to receive the pitwork. In the fifty west of ditto the lode is one foot wide, producing stones of good ore. In the seventy east of Good Fortune the lode is two feet wide, with stones of ore, and kindly; in the seventy west of ditto the lode is three feet wide, worth 121, per fathom. In the sixty rise, west of ditto, the lode is three feet wide, worth 122, per fathom—the end is suspended, till a communication is made with the fifty; in the sixty east of ditto the lode is two feet wide, with stones of ore. In the winze below the fifty west the lode is two and a half feet wide, worth 101, per fathom—this will communicate with the rise above—mentioned in the course of next week. In the fifty west of Symons's the lode is two and a half feet wide, worth 122, per fathom. In the forty-four west of ditto the lode is twenty inches wide, with some ore, and kindly. In the rise above the thirty-four ditto the lode is two feet wide, not much ore—this is to hole to a winze under the twenty, suspended on account of the water. In the twenty west of ditto the lode is three and a half feet wide, worth 51, per fathom, and very promising. In the adit west of ditto the lode is eighteen inches wide, amproductive—The mine is drained of water, and we are in good course of working at Christoe's and Good Fortune.

CALLINGTON MINING COMPANY.

Jan. 27.—Johnson's engine-shaft is sunk nine fathoms below the ninety fathom level; at this level driving south the lode is worth 51, per fathom; in the north end it is worth 42, per fathom. In the sorth end, h

tering appearances; two leet of it is more than the worth 5t. per fathorm—driving at 2t. per fathorm.

WHEAL MARY MINING COMPANY.

Calstock, Jan. 29.—We have been driving, east during the last formight on the middle lode about twelve fathoms, and are now about twenty-five fathoms from the mouth of the adit. The lode is large, and composed of spathose iron, flookan, mundic, and fluor spar, with copper, and very rich silver ores. The lode is ten fathoms south of the north lode, and by their course they are evidently drawing together going east, and the most favourable results may be expected, as the north lode is a very strong and promising copper lode. We have commenced opening the south lode on the back, and, as soon as we have done so, we shall sink a shaft to cut the lodes about thirty fathoms in depth, when I have no doubt but that a very rich lode of ore will be discovered.

W. WILLIAMS.

**M. WILLIAMS. Bamples Assayed.—No. 1. Produce 13s of copper, and 63 oz. of fine silver to the ten of ore.—No. 2. 14s per cent. of copper, and 74 oz. of silver to the ten of ore.—No. 4. 150 oz. of fine silver to the ten of ore.

1. PRINCE.

1. PRINCE.

WHEAL CONCORD MINING COMPANY. WHEAL CONCORD MINING COMPANY,

Jan. 29.—As soon as we get an engine, which can be erected and put to work
for about 1000L, we shall raise a quantity of ores from the old workings, as the
levels were looking very promising at the time the mine was abandoned, for
the reasons stated in Mr. Hichens's report. We last week discovered a lode,
from ten to twelve feet wide, about 100 fathoms west of the engine-shaft, with
strong flookan, and containing a large quantity of lead ores in it. We are now
opening on the backs of two other lodes on the north, which are looking very
promising.

B. Robins.

CORNUBIAN MINING COMPANY.

Jan. 27.—I have been comparing my survey of this day with the report last week (given rather at length), and cannot see that I am able to furnish you this week with anything new or different, excepting that we have a very rich lode in the bottom of the eighteen fathom level, at Ventongimps, worth full 201 per fathom, which is of great importance to that part of the mine. The water, however, is so quick, that we must suspend all operations below adit after the present week.—The last 30 tons of lead sold at 131. 8s, per ton.—R. Rowe.

NORTH HOLMBUSH MINING COMPANY.

Jan. 27.—The cross-cut at the sixteen fathom level is driven south of the engine-shaft 3 fins. 2 ft. 6 in.; the ground, since last report, has very much improved for driving—we can now drive with greater ease two fathoms per week than one fathom before. In the present end of the cross-cut there is a branch about six inches wide, composed of mundic, spar, and capel; probably this is one of the branches met with in the adit level, a few feet north of the lode. Judging from this branch, and the quantity of water coming from the south of it, it is probable we are near the main part of the lode; consequently, the inclination towards the shaft must be greater than was anticipated.—T. RICHARDS.

COOK'S KITCHEN MINE.

Jan. 25.—We have been fixing a plunger and altering the pitwork in flatrod shaft, and therefore have done but little in the cross-cut south since I wrote last. The tributers have a good lode in sinking under the sixty fathom level, on the south part of North Tincroft lode. You will recollect that the eastern shaft was sunk on the north part of this lode, and that at the seventy fathom level the water was too quick to allow us to cut the other part, until the lode shall be cut in the cross-cut affat-rod shaft; it appears at present that the south is the best part, being about three feet wide, nearly perpendicular, and producing very good ore. In the back of the sixty fathom level the pitches are all looking very well. W

Our pitches on ore are looking better than for some time past, and those on the continue very good.

BEDFORD UNITED MINING COMPANY.

Jan. 27.—At Wheal Marquis, the new engine-shaft is 11 fms. 2 ft. below the fifty-eight fathom level. In the fifty-eight fathom level east the lode is two feet wide, composed of gossan, spar, and ore, and in the rise in the back of this level it is two and a half feet wide, and worth 15l. per fathom; the lode in the fifty-eight fathom level west is two feet wide, and worth 14l. per fathom. No lode has been taken down in the forty-seven fathom level west. Warne's winze is communicated with the fifty-eight fathom level; the lode in Clemen's winze, sinking below this level, is two feet wide, and worth 10l. per fathom; the lode in the stopes in the back of this level still continues productive, being worth 22l, per fathom. The lode in the deep adit level remains without alteration.—At Ding Dong, the lode in Thomas's engine-shaft (2 fms. 2 ft. below the twelve fathom level east the lode is two feet wide, producing saving work.—At Wheal Tavistock, the lode in Phillips's engine-shaft is two feet wide, composed of very fine gossan and spar, with spots of copper ore. J. PHILLIPS.

STRAY PARK AND CAMBORNE VEAN MINING COMPANY.

twelve fithom level east the lode is two feet wide, producing saving work.—
At Wheal Tavistock, the lode in Phillips's engine-shaft is two feet wide, composed of very fine gossan and spar, with spots of copper ore. J. PHILLIPS.

STRAY PAIK AND CAMBOINE VEAN MINING COMPANY.

Jan. 27.—We beg, with great respect, to hand you the following report on these mines:—In the sixty-five fathom level cross-cut, driving north to intersect Dolcoath lodes, the ground is favourable; price 5£, per fathom. In the eighty fathom level, driving west, the lode has been gradually improving throughout the past month, and will now yield two tons of ore to a fathom, worth 6£ per ton; the present end is within four fathoms of the ninety, and seven fathoms behind the course of ore in the 100; the lode possesses indications of a progressive improvement, and the ore is coming in between the elvan and killas, precisely as it did to the level below. In the ninety fathom level, driving west, we have passed through a good lode of ore for six fathoms in length, the back and bottoms of which are now set on tribute to eight men, at 6s. 8d. in the 1£; in the last two fathoms driving the lode in the end has been less productive for ore, but it is now greatly improved, and will yield three tons to a fathom, worth 6£ per ton; this end is within three fathoms of the winze sinking at the commencement of the course of ore in the level below, and we have every reason to believe that when in far enough to catch the dip of the ore, this level will prove quite as productive as the one below; the lode is between the elvan and killas. In the 106 fathom level we have driven seven fathoms through a good course of ore, which will yield on an average twelve tons to a fathom, worth 5£ 10s, per ton; in the last six feet driving the lode has been split up with the elvan, but in the present end it is again improving, and will now yield three tons to a fathom, with every indication of its continuing to improve. In the winze, sinking about seven fathoms behind the 100 e

Copiago, Sept. 30.—The San Pedro Mining Company.

Copiago, Sept. 30.—The San Pedro Mine presents still more pleasing appearances than when last reported on. This is a mine that seems to possess more merit than most of the mines in the locality of Puquios, for it is just now beginning to exhibit prospects that are not only encouraging for the present, but have something like permanence attached to them. You will recollect, that in the Quebrada Mine, below the ten fathom level, the ore began to degenerate, or fall off in quality, and, though abundant, but little of it would pay shipment, and such has been the case with almost all the mines that I have seen in Copiapo; Checo, of course, is an exception, and I fully believe this will be another. We are already deeper than the Quebrada Mine, with the ore still good, and the lode not showing the least indications of growing less productive, but still retaining the two principal properties that constitute a good lode and a good mine—size and quality. We have sunk now eleven fathoms below the twelve fathom level, and have in the bottom of the shaft a lode more than two feet wide, nearly the entire is ore of more than 25 per cent.; after sinking about good mine—size and quality. We have sunk now eleven fathoms below the twelve fathom level, and have in the bottom of the shaft a lode more than two feet wide, nearly the entire is ore of more than 25 per cent.; after sinking about two fathoms more, we shall commence driving two levels, six feet above the bottom—these will be called the twenty-four fathom levels; the six feet that will be below this level will be required for a fork, or well, to receive the commiss now to do, we shall soon further increase the produce here. In the last month we have been obliged to employ six of our English miners in the shaft, there being so much water that none of the natives would work—and, if they see would, four times as long would be required to sink it to a twenty-four fathom level; we are now drawing 500 barrels of water in twenty-four hours, each barrel containing twenty-two gallons. When we have finished the shaft and fork, we intend putting larger to draw with. I do not anticipate much difficulty in keeping out the water, because, after a little, when the country is drained, we may reasonably expect the water will be less abundant. The caunter lode still looks very encouraging, and produces some good ore, but the rich parts of the vein are at present small. On the new parallel lode we have done but little in the last month, having required the two men working there to assist in the prosecution of the new shaft above-named. On the whole, I think, in the last month, our prospects here are greatly improved, especially as regards the permanence of the mime.

The Checo Mine continues to yield some excellent ore from the different points named in my last reports, and, in addition to this, we have now a very protty lode at the bottom level; east of the Victoria shaft, in entirely new ground; the vein is from two to three feet wide, ten inches of which is excellent ore, meanly 30 per cent. This appears to me to be a very important point, as, in the last five or six fathoms we have driven in this level, the lode has

been entirely unproductive, which shows clearly that this is the commencement of a fresh bunch; however, I hope in my next to be able to give you a more satisfactory and cheering account of this level.

At the Pampa Larga Silver Mine, nothing new has occurred, but we have been pushing hard, and with the same unabated ardour, and hope of success. I may be wrong in being so sanguine or confident of the ultimate success of this mine, but I cannot see as yet any reason to vary my opinion. It is to me a subject of deep regret, and I believe not less so to you, that we have been so long working with such small produce; and it will be but a poor consolation to me, should it in the end turn out a failure, to know, that all the mining captains, majordomas, and miners, that have seen Pampa Larga, entertain precisely the same opinion as I have so often expressed. I do sincerely hope, that we shall soon have some improvement in this mine, for I assure you it would be as much relief to my mind as if I had been personally interested in it.

At the San Jorge Silver mine, we have again had a little silver from no less than three different points. In sinking a winze below the thirty-five fathom level we have extracted about eight quintals of ore from a little guis, or bunch, running close to the main vein; the vein is large, 6 feet wide, and the whole of it shows traces of silver, and has a beautiful appearance; I certainly have a strong opinion that we shall soon come in contact with something good here. In the ten fathom level we have also had some few quintals of ore in the last month, but at present it is unproductive, yet the appearance are such as to lead us to hope soon to see it producing silver again; in the back of the ten fathom level, where we are stoping, the vein is about six inches wide, with still perceptible silver, but not rich, about the same quality as the ore you have now at the Maquina.—Ore extracted in August, about 4½ tons, or 100 quintals.

The produce of the San Pedro Mine for August is 50 tons, of the

The produce of the San Fedro Ame for August is 30 tons, of the Checo Ame 43 tons, of the Quebrada Mine 8 tons—total, 101 tons.

IMPERIAL BRAZILIAN MINING ASSOCIATION.

Gongo Soco, Nov. 23.—At Catta Preta, the adit from Brightman's shaft is in progress. At Gibbes's shaft, we are extending a cross-cut through the soft formation, with a view to the intersection of the richer part, which tradition reports to repose on the hard rock; the quartz lode, and the rock near it, are both hard, and the gold in the former is very sparing. At the Folketas, the vein has been cut through at the ten fathom level; it is about eight feet wide, and is very poor, though still showing gold—we are now driving east and west on it; the shaft at the latter place I have called Thomas's, after my kind and excellent friend the secretary. After five days' absence, I am happy to find, on my return, that everything had gone on during my absence with perfect regularity, discipline, and order; my only regret has been, that the poverty of the mine is even greater than on any former occasion, and I see no prospect of any early or important improvement. I had heavy rain during some part of my journey, but unhappily none seems to have fallen here, where the service water is still wretchedly scanty. I am happy to advise you of the continuance of health, peace, and good order, throughout the establishment here and at Catta Preta.

Dec. 3.—We have commenced the erection of washing strakes in the valley below the mine; they will require but little labour, and will serve to extract was little end of the required but the search and undersoired in the waste of the

making great progress, and is expected to be ready by Saturday next.

BRAZILIAN COMPANY.

Cata Branca, Dec. 4.—I fear there is now no alternative than at the end of the year to abandon the bottoms, and proceed to take down the arches and shales of ground left standing. This week the new hauling machine will be at work, and all possible force applied to the bottoms. I hardly look to any improvement in the produce from so doing, the present value of the stone being 60 to 70 tons to the pound of gold; and, though there has been rain, and some days the stamps have been more effective, yet they are not generally efficient, and at this moment the drought is as severe as ever. At Sumidouro, the breaking ore from the high ground first opened was found too difficult till the deep adit is up, which will yet take another month or two; we are, consequently, working the high ground left by the old proprietors, which gives only 80 tons to the pound.

E. Harding.

Gold return for three weeks to 29th November—171bs. 9 oz. 17 dwts.

Bedford Colliery.—A boy, named John Millington, fell down the pit, and was killed. Mr. Gregory, the manager, has promised that the pit covering, which was faulty, shall be altered.

Workington.—D. Wilkinson was killed by a fall of roof at Buddle Pit.

Lansamiet.—Two men were killed by breaking of the rope at Glanwern Pit.

Swansea.—An explosion of fire damp took place at the Charles Pit, when a joy named J. Harris was killed.

Putricroft.—Four men were injured by an explosion at Messes. Lansameter.

boy named J. Harris was killed.

Patricroft.—Four men were injured by an explosion at Messrs. Lancaster and Co.'s colliery.

Mynydd Newydd Colliery.—Three men and a boy were injured by an explosion. Hirwain Iron-Works.—J. Evans was killed while at work in a coal level.

Dudley.—A quantity of coal fell on J. Knowles, while at work in Messrs. Bramah and Cochrane's, Woodside Colliery, and killed him.

Tipton.—A miner, named Smith, who was engaged extricating the dead body of his brother but the previous day (see last Journal), met a similar fate by a fall of coal.—A sad accident happened at Coseley, near Tipton, when, as five men

of coal.—A sad accident happened at Coseley, near Tipton, when, as five menwere being let down the pit, the chain broke, precipitating the whole to the
bottom, the chain falling upon them. There is too much reason to fear that
the unfortunate event originated in malice—a disagreement having existed
among the men respecting wages, threats were made that something should
happen if any of the men accepted less than the terms demanded; and, upon
afterwards examining the chain, it had the appearance of having been cut
through, except one link, which gave way while descending with the load.
Cinder-pill Colliery, near Nottingham.—A tremendous boiler explosion occurred
at this colliery, by which one man (W. Parker) was killed, and several severely
injured, besides a considerable loss of property. The works will be suspended
for at least a month.

injured, besides a solid for at least a month.

Levant Mine.—W. Trezise was killed by the fall of a scale of ground.—Grace

Trembath was dreadfully injured while employed at the stamps.

Caradon Mine.—A meeting of the shareholders in this mine was held at Webb's Hotel, on Wednesday, the 22d ult., pursuant to notice, when a further call of 2L per 128th share was made.

Green Bourn Copper Mines.—These mines, which have not been worked for the last century, are situated about three miles north of Coniston Copper Mines, and about four miles east of Cockley Beck Copper Mines, within the manorial rights of Lord Muncaster, of Muncaster Castle, have, we understand, been lately leased for a term of years by a few of the workmen of the Coniston Mines, who are all well skilled in copper mining, of small capital, and enterprising disposition. We understand the veins are pregnant with a very rich ore, and, so far as they are yet able to judge, the prospect is very promising.

MEETINGS OF SCIENTIFIC BODIES

	MEETINGS IN THE ENSUING	WEEK.		
	THE OF MERCHAN	DAY.	HOU	B.
1				
10 TO	lowel Entertiological 17 Old Hond-Street	MUHUMAY	0	F. Other
- 6	homical Society of ATIL Addibili	· · SECHULLY		E silks
	Roll-court, Fleet-street	· · Monday	8	P.M.
· •	Soho-souser	- Tuesday		P.M.
	buil Engineers	Tuesday		P.M.
- 4	and the contract of American Adelphi and an access and	· · wednesd	W O	P.M.
0	eologicalSomerset House	Wednesd	av 84	P.M.
2	pological	Thursday	a	P.M.
D	oval Somerset House	Thursday	84	P.M.
A	ntiquaries Somerset House	Thursday	8	P.M.
D.	oval Institution Albemarle-street	Friday	84	P.M.
- D	otanical Bedford-st., Covent-garder	n Friday	8	P.M.
D	oval Botanic Regent's-park	Saturday	4	P.M.
380	estminster Medical 32, Sackville-street	. Saturday	8	P.M.
77	themetical Crispin-street Spitalfields.	. Saturday.	8	P.M.

PUBLIC COMPANIES.

MONDAY—Leeds and Bradford Railway, at Twelve—Gravesend Star Steam Co., at Onc. TUESDAY—York and North Midland Railway, at Twelve—Newcastle and Darlington, One. WEDWEDAY—Union Bank of Australia, at One—Eastern Counties Railway, at One—North Wich and Brandon Railway, at One—Wh. St. Cleer Mining Co., Twelve. THUESDAY—London and County Bank, at One—North Union Railway, at half-past Eleven —South-Eastern Railway, at One—London and Brighton Railway, at One—Farday—Hibernian Mining Company, at One—Sheffield and Rotherham Railway, at One. CALIS.

DAY—Hibernian Mining Company, at One—Sheffield and Rotherham Railway, at One.

CALLS.

chester and Leeds Railway (16ths), 11.—Edinburgh and Glasgow (new quarters), 2\(\frac{1}{2}\)!.

m and Havre Railway, 21.—Manchester and Birmingham Railway, 22.

hton, Lewes, and Hastings Railway, 65.—South-Eastern Railway (new shares) 44.

ern Counties Railway (Extension, No. 1), 14.—Ely and Bedford Railway, 5s.

Union Bank, 8 per cent.—Mining Company of Ireland, 12\(\frac{1}{2}\) per cent.

Union Bank of Australia, 6 per cent.—Bank of Liverpool, 10 per cent.

Current Prices of Stocks, Shares, & Metals. ENGLISH AND POREIGN STOCKS.

STOCK EXCHANGE, Saturday morning, Twelve o'clock MAGE, Saturday morning, Treelee of Dutch, 24 per Cents., 634 ‡ ditto, 4 per Cents., 984 ‡ Russian, 5 per Cents., 184 119‡ Spanish, 5 per Cents., 184 119‡ Spanish, 5 per Cents., 404 ‡ Brazill, 5 per Cents., 404 ‡ Brazill, 6 per Cents., 100 2 Colombia, 6 per Cents., 14 14‡ Mexican, 5 per Cents., 334 6‡ Peru, 6 per Cents., 28 9 Consols, Money, 99\$ 100
ditto, Account, 100
3\$ per Cents., 104\$ \$\frac{3}{8}\$ Reduced \$5\$ per Cents., 104\$ \$\frac{4}{8}\$ Long Annulties, \$12\$ 1-16\$ 3-16\$ Bank Stock, 214 215\$ Exchequer Bills, \$62\$ 64 pm.
Belgian, \$5\$ per Cents., \$10\$ \$\frac{4}{9}\$ Danish, \$3\$ per Cents., \$9\$ 90
Portuguese, Conv., \$5\$ per Cents., \$5\$ 60 BANK OF ENGLAND.—An account, pursuant to the Act 7 and 8 Vic., cap. 32, for the ceek ending Saturday, Jan. 25:—

Issue Department. | Linux Department t blic deposits (including Exchequer, Savings Banks, Commis-ioners of National Debt, and Dividend Accounts)... er deposits... en days and other bills 8,714,052 1,058,727

which characterised them when we last wrote-though their present firm natural cha racter is much more healthy than the previous excitement; starts of the sort just alluded to are always transitory, and the "old hands" do not lose the chance of selling when the heat is on, and prices rampant. Liverpool and Manchester, yesterday, declared a diviheat is on, and prices rampant. Liverpool and statements, yearcrany, ucclared a two-dend of 4½ per cent. for the half-year—½ per cent. less than was generally calculated upon, as having been earned by the company; perhaps, the report and accounts, which we have not yet seen, may explain the circumstance, which will certainly temporarily affect the price of the shares, now at 218t, and the 40t. shares at 40½ pm.; those who, like our-selves, have confidence in the soundness of this stock, should avail themselves of any decline that may occur, to purchase while the favourable opportunity lasts. South-Wes will probably pay 2l. per share, and, now that they have come to terms with the Great Western, as to their extension lines, should not remain stationary at 78l. Manchester Western, as to their extension lines, should not remain stationary at 781. Manchester and Leeds keep steady at 1334, with a tendency to advance. Hull and Selbys and Great Norths are firm—the former at 734, and the latter at 1501, per share. Croydons are emerging from the slough, and, cheered by the prospect of a lease by the Dover, at 17s. 6d. per share per annum, have reached 174; it is said that Mr. Wilkinson will use his influence to induce the Croydon directors to decline this proposition, under the idea, that in its present state adequate terms cannot be obtained for that company. We would recommend the shareholders to take the matter into their own hands, and, reflecting that till the report of the intended blow was bruited abroad, this stock had been standing for the last few weeks at within a shade or two of its market value twelve months ago, consider whether their present condition may not be worse, if the reckless and absurd schemes of the board are persisted in—whether it may not be the part of prudent men to accept the terratinty of 17s. 6d. per share from the South-Eastern (Dover) Company, in exchange for the empty vapourings and delusive promises, which, though they have inflated a little line of eight or ten miles long with the idea of rivalling the Birmingham or the Midland, have yielded miserable dividends, and even in the present buoyant state of the money market have barely raised a paltry premium of 7s. to 8s. per share, on their airy capital of upwards of 2,000,000 still to raise, before the magnificent hopes held out to them can fructify, or bring profit, to the long suffering shareholders. In our local stocks, West Yorks and West Ridings are both better, the one at 25s. pm., and the latter 72s. 5d. pm.; Thirsks, 26s. pm.; Dewsburys, 41 per share. The following are our quotations:—

Thirsks, 26s. pm.; Dewsburys, 41 per share.	The following are our quotations:
	Leeds and Bradford, new £121 p.sh.
Darlingtons	Ditto ditto quarters
Dewsburys 4t ,,	Midland 128
Great North of England	Ditto, No. 3
Leeds & West Riding Junction . 5 ,,	Ditto, £40 shares 9 p. sh.
	Manchester and Leeds 132 p. sh.
Leeds and Bradford (with new) 19; "	West Yorks 4 ,

	R. B. WATSON and CO.
CURRENT PRICES AT LIV	ERPOOL-THURSDAY EVENING.
Stock. Closing pr. Sales.	Stock. Closing pr. Sales.
Aberdeen Railway £21 21	London&South-Western 771 781
Barnaley Junction 51 6 6	London and York 54 54 54 1
Belfast and Ballymena 44 44	Lynn and Ely 4 5
Blackburn & Accrington 41 41 41	Lynn and Dereham 1 11
Blackburn and Bolton 2 2	Leeds and West Riding., 54 51 54
Blackburn and Preston. 10# 10# 10#	Leeds and West Riding 51 51 52 Limerick and Waterford 42 42
Birkenhead, Manch., &c. 74 74 71 4 4	Manchester and Goole . dis par
Birming. & Gloucester 110 112 110	Manchester & Birming. 56 57 56
Bolton, Wig., & Liverp. 3: 41	Manch., Bolton, & Bury 125 126 125
Bristol and Exeter 75 77	Manch. & Rossendale 94 97
Bristol and Gloucester 442 442 44	Manchester & Buxton 24 24
Caledonian 6# 64 64 # #	Manchester and Leeds 1334134
Cambridge and Lincoln. 4# 4441 121	Midland Stock127 128 1274
Chester & Birkenhead 381.39 371 8 4	Mullingar and Athlone 4# 4# 4#
Chester and Holyhead 6 7 . 6 1 Churnet Valley 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Newcastle and Berwick 124 134
Churnet Valley 6 6 6 6	Newcastle and Carlisle11941204
Cork and Bandon 24 24 24	Newcastle & Darlington 66 68
Cork and Bandon 24 21 25 Cork & Limerick, Direct 22 21	North British 111 111 —
Direct Northern 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	North Kent 2‡ 3
Dublin and Belfast 54 64 6 54	North Union, Stock A. 150 151
Dublin and Cashel 104 11 104	Ditto ditto B. 91 92
Dublin and Galway 24 24	North Wales Mineral 107 111
Dublin and Drogheda 80 84	Norwich and Brandon 13 14
Dundalk & Enniskillen 3 31 3 1	Oxford, Worc., & Rugby 21 3 21
Dundee and Perth 2 2 2	Preston and Wyre 21 21 Scottish Central 3 31 3 1
Eastern Counties 18 19 19 1 19	
Edinburgh and Glasgow 654 664 654 4	St. Helens & Runcorn G. 23 25 — Sheffield and Lincoln 1 1 1 1
Edinburgh & Granton 151 16 —	Sheffield & Manchester103 104 103
Edinburgh & Northern. 1 14 —	Shrewsbury & Gr. Junc. 71 71 71
Ely and Bedford 11 11 — Glangow, Dumfries, &c 11 11 11	Shrewsb. Wolverh., &c. 34 34
Glasgow and Greenock 124 124 —	South-Eastern 484 49 484
Glasgow, Paisley, & Ayr 60 67	South Wales 6 64 64
Grand Junction232 234 234	Trent Valley 101 101
Gt. Grimsby & Sheffield. 21 21	Tileter
Gt. North of England 145 147	West Yorkshire 31 4 31
Great Western	Yarmouth and Norwich 264 274
Harwich	Yarmouth, Diss, &c
Hadderofield and Manch At 40	York & North Midland 109 1111
Huddersfield & Sheffield 31 34	York and Selby 71 73
Hull and Selby 721 731	Control of the second of the s
Kendal & Windermere 31 4	Boulogne and Amiens 41 5 5
Kilkenny Junction 14 14	Con. Central of France 102 11
Lancaster and Carlisle 24 25 · · -	Lyons and Avignon 21 21
Lancaster and Presten 52} 53}	Northern of France 54 54 54
Leeds and Bradford 17‡ 18‡	Orleans, T., Bordeaux 74 74
Leeds and Dewsbury 44 41	Paris and Lyons 34 35 — Paris and Orleans 444 45 —
seds and Thirak 31 31 31	Paris and Orleans 44 45
Liverpool & Manchester 217 219	Paris and Rouen 424 43
Avernool and Preston 25 21 24	Paris and Strasburg 21 21 21
ondon & Birmingham 234 236	Rouen and Havre 261 27 261
London and Blackwall 7 74	Sambre and Meuse 3 3
Condon and Brighton 52 524 524	Strasburg and Basic 124 124

JOHN GREAVES.

LATEST PRICES OF IRISH STOCKS.—3 per Cent. Consols, 100#l. to 100#l.; 3 per Cent. Reduced, —4.; 3‡ per Cent. Stock, 103#l.; 1018#l.; 3‡ per Cent. Debentures, 95#l. to 95#l.; Bank Stock, 217.—Dublin and Kingstown Railway, 237#l.; Droghed, 80l.; 6f. Southern and Western, 10#l.; Dublin and Railstown Railway, 23#l.; Dublin and Athlone, 2#l.; Dublin and Galway, 2#l.; Behids and Ballymens, 3#l.; Limerick and Waterford, 3#l.; Dundalk and Euniskillen, 2#l.; Wexford and Carlow, 3#l.—Hibernian Bank, 38l.; National Bank of Ireland, 15#l.; Royal Bank, 14f.; National Insurance, 29k.; Patriotic, 11f.; Mining Company of Ireland, 14#l.; Wicklow Copper Mine, 19f.; City of Dublin Steam Company, 11#f.; British and Irish Steam Company, 55#l.; Dublin and Glasgow ditto, 44l.; Steam-ship Building ditto, 54#l.

EDINBURGH, TRUBBDAY.—Aberdeen, 2½.; Arbroath and Forfar, 15½.; Ballochney 55½.; Caledonian, 6½.; Dundee and Arbroath, 32½.; Dundee and Perth, 2½½. Dalkeit and Leith Branch, 7½.; Edinburgh and Glasgow, 65½.; Edinburgh, Leith, and Granton 15½.; Edinburgh and Northern, 1½. Glasgow and Ayrabire, 67½.; Glasgow and Granton 15½.; Glasgow and Grenock, 1½½.; Glasgow, Dumfries, and Carlisie, 1½½.; Monk land and Kirkintilloch, 3½½.; North British, 1½½.; Scottlah Central, 2½; Slamannan, 16%. Wishaw and Coltness, 33½.

Wishaw and Coltness, 334.

HULL, TRURSDAY.—The market remains good, but with considerable fluctuation. The Board of Trade Report on the York lines is anxiously looked for. London and Yorks have changed hands to some extent—92. 10s. pm., or 54. per share, is now the exact price.—Our quotations are:—Birmingham and Gloucester, 10st, to 104.; Blackburn and Preston, 1092: to 1042.; Barnsley Junction, 542. to 64.; Eastern Counties, 184. to 1842.; Gt. North of England, 1494. to 1514. Thill and Selby, 1724. to 7342.; Leeds and Bradford, 184. to 1847. Lacaster and Preston, 5244. to 534;; London and Brighton, 5142. to 5142.; London and York, 424. to 54; Midland, 1874. to 1892.; North British, 114. to 1142.; Norther and Brandon, 1342. to 1442.; Yarmouth and Norwich, 274. to 284.; York and North Midland, 1054. to 1084.—Hull Bock Company, 1639. to 16404.; Hull Flax and Cotton Mills, 1554. to 1604.—Hull Banking Company, 94.

* Up to the time of going to press we are without our Cornish Parcel. We shall publish a Second Edition, with Ticketing Paper, &c., as soon after receipt as possible.

COPPER ORES

COPPER ORBS

CORNWALL—for sale on Thursday next, at Andrew's Hotel, Redruth.—Mines and Parcels.—East Wheal Crofty, &c. 762—Tincrôt 378—Camborne Vean, &c. 375—Dolcoath 286—South Wheal Basset 282—Wheal Providence 276—Wheal Seaton 239—Perran St. George 299—Par Consols 208—Fowy Consols 200—North Roskear 203—West Wheal Jewel 194—East Pool 170—Wheal Trowaws 190—Wheal Yyvyan 100—Godolphin 82—Tretoll 71—West Wheal Treasury 50—Wheal Penrose 24—Condurrow 17.—Total, 4271.
At SWANSEA—for sale Feb. 5.—Cuba 99, ditto 84, ditto 80, ditto 70, ditto 54, ditto 51, ditto 198, ditto 98, ditto 98, ditto 98, ditto 97, ditto 95, ditto 76, ditto 58, ditto 98, ditto 97, ditto 95, ditto 76.
—Ballymurtagh 104, ditto 99, ditto 99, ditto 59, ditto 30, ditto 13—San Jose in Cobre 93, ditto 66, ditto 64, ditto 44—Valparaiso 104, ditto 100—Connorred 74, ditto 36, ditto 8, ditto 64, ditto 45—Molland 15, ditto 8—Devonport 7.—Total, 3136.

LATEST CURRENT PRICES OF METALS.

	1	LONDO	N, J	IAN	WARY 31, 1845.
	£	s. £	8.	d.	
SPELTER-On spot, p. ton	0 0	0-22	4 15		
For arrival					
ZINC-English sheet					
QUICKSILVER p. lb.				6	Cake p. ton 0 0-84 0 0
IBON,* in London:-					Tile 0 0-83 0 0
English bar, bolt,				. 1	" Chili 0 0-71 0 0
		0 7	15	0	Trs-English block 3 11- 3 12 0
and square, p.ton			-		b 0 0 0 10 0
" Nail roads					" bar 0 0-3 13 0
" Hoops					" Foreign, Banca 0 0-3 5 0
,. Sheets, single					" Straights 0 0-3 2 0
, double	0				. Peruvian 1 7- 1 13 0
r treble	0	0-13	10	0	TIN PLATES IC p. box 1 6- 1 12 0
Rails in Wales	8	15-9		0	. IX 1 13- 1 19 0
, Bars, in Wales		0-7	0	0	LEAD-English p. ton 16 15-17 0 0
Pig, No. 1, Welch		10-4		0	" Liverpool 0 0—16 10 0
No. 1 Clarke		5-3		0	Smanlah (Y andon) 10 0 10 10 0
Tonolom Canadiah	10		0	0	Amendan 0 0
CONT	0	0-16		0	(Y Imamool) O O
" CCND					Chart (Tandon) IN E IN IO O
" PSI	0	0-16	0	0	" Sheet (London) 17 5—17 10 0
" Gourieff		0	-	1	" Red 21 10—18 10 0
" Archangel	0	0			, White 23 10-24 0 0
TREL-Swedish keg		0-16			, Patent shot 0 0-19 15 0
* Iron 5s. to 7s. 6d. per					ol. † is. per box less at Liverpool.

COAL MARKET, LONDON.

MONDAY.—Price of coals per ton at the close of the market:—Buddle's West Hartley 18—Chester Main 18—Davison's West Hartley 18—Ellison Main 16—A Hasting's Hartley 18—Beartley 18—Beartley 18—Beartley 18—Beartley 18—Beartley 18—Morrison's Hartley 18—Doity 17—Ord's Redheugh 17—Old Tanfield 17 6—Ravensworth's West Hartley 18—Tanfield Moor Bute's 17 6—Taylor's West Hartley 18—West Hartley 18—West Hartley 18—West Wylam 18 6—Wall's End Ramsay 17—Sharp's Tanfield 17—Seymour Tees 20 6—Cree 21—West Tees 19 3—Clackmannan 16 6—Killingworth 19—Tanfield Moor 26 6—Ships arrived since last sale, 115.

lingworth 19—Tanieid Moor 20 6—Snips arrived since iast sate, 118.

WEDNESDAY.—Adair's Main 17 9—Buddle's West Hartley 18—Chester Main 18—Hastings' Hartley 18—Holywell Main 18 to 19—Morrison's Hartley 16 6—New Tanfield 17—Old Pontop 17—Old Tanfield 17—Ravensworth's West Hartley 17 6—Shipcote (unscreened) 16—Tanield Moor Bute's 17—Tanield Moor 20—Taylor's West Hartley 18—West Hartley 18—General Services 19—Seymous Tees 20 6—Tees 21—Woodefield 17 3—Clackmannan 16—Hartley 18—Wreckington 17 6—Ships arrived, 186.

VEDDAY Adair's Main 18.—Buddle's West Hartley 18 6—Hastings Hartley 18—16.

FRIDAY.—Adair's Main 18—Buddle's West Hartley 18 6—Hastings Hartley 18—Ho-lywell Main 18—Morrison's Hartley 16 9—Old Pontop 17—West Wylam 17 6—Wylam 17 6—Wall's End Ramsay 17—Braddyll's Hotton 21 6—Haswell 21 6—Het on 21—Lambton 20 9—Clackmannan 16—Hartley 18—West Hartley Netherton 18.—Ships arrived, 103.

MONTHLY IMPORTATION OF COAL, CULM, AND CINDERS. December, 1844.

Quality. Ships. Tons. Newcastle		Ships. Tons. 12 3.542
Sunderland 73 21,576		
Stockton 79 21,556		
Description of the second		
		* 110
		291 88,330
Imported in Dec., 1843 :- Coal,	culm, and cinders	295,700 tons.
Comparative Stat	ement of 1843 and 1844.	
Imported from 1st Jan. to 31st Dec., 1842		2.628.520 ton
Imported from 1st Jan. to 31st Dec., 184	9466	9 490 910
imported from 1st sail. to stat Dec., 104	, 5100 .	2,490,910 "
Decrease in the present	year 127	137,610
the state of the s		18 10 10
THE COAL TRADE	RIVER WEAR VEND.	July and Street work
The following is a statement of the Riv	ver Wear vend of coals, fr	om the 30th June 1
31st December, 1844, sworn to by the sta	thmen of the several coa	lowners under-mer
tioned, before the commissioners, on the	15th January, 1845:	
Colored to the second section of the second section of the section of the second section of the	trail and the same	exempt. charg
Executors of late Countess of Durham, La		
The Hetton Coal Company		879 3541
Henry Stobart, Esq., and Co., Lumley Co	litery	1503
Henry Stobart, Esq., and Co. Fatfield and	Lumley	2507 485
and a second of the second of	99 (5.134	

The following is a statement of the River Wear vend of coals, from the 31st December, 1844, sworn to by the statishmen of the several coalows	the 30	th J	fune to
tioned, before the commissioners, on the 15th January, 1845;—	Duty		Duty
The file of the second of the second property of the second secon	exemp	st.	charg.
Executors of late Countess of Durham, Lambton Colliery Chaldron	3867		64564
The Hetton Coal Company	. 879		
Henry Stobart, Esq., and Co., Lumley Colliery	-		
Henry Stobart, Esq., and Co. Fatfield and Lumley	2507		4854
Henry Stobart, Esq., and Co., per Arbour House Colliery	2100		
The Haswell Coal Company, Haswell Colliery	. 8		23007
The Whitwell Coal Company	278		
W. Bell. Esq., and owners of Shincliffe Colliery	125		
W. Bell, Esq., and owners of Belmont Colliery	24		
Messrs. Pemberton and Co., Monkwearmouth Colliery	716		8828
John Eden, Esq., Reamish Colliery	40		6134
The Marquis of Londonderry, Wearmouth	-		7220
The Marquis of Londonderry, Pensher	694		15
The owners of Kepier Colliery	93		4361
Washington Colliery Company			3989
John Mounsey, Esq., and Co., Elvet Colliery	-	**	7229
The owners of Oxclose Colliery	-		4113
Chatershaugh cinders, Thomas Nicholson	-		104
COALS SHIPPED IN THE NORTH DOCK.		10	
William Kirk and Co., Farnacres Colliery	-		178
B. Bell, Esq., Edmonsley and Sacriston Collieries			5790
Pontop and South Shields Railway Company, Annfield Colliery	-		2
The Marquis of Londonderry, Rainton Colliery	Sept.	0	160
E. Richardson, Esq., and Co., Derwent Colliery	1		1438
E. Richardson, Esq., and Co., Charlaw Colliery	-		757
T. Hedley, Esq., and Brothers, Craghead Colliery	ester		1705
J. and A. Reid and Co., South Tanfield Colliery	_		406
Joseph Lee and Co. (cinders)	16		400
J. Thompson (cinders)			101
Northern Coal Mining Company, Greencroft Colliery	-		1
The owners of West Stanley Colliery	(P. 20)	1	1391
Northern Coal Mining Company, New Tanfield and Greencroft Colliery	2		4312
Hunt, Perkins, and Co., South Pelaw Colliery			139
Hunt, Perkins, and Co., South Pelaw Comery			34
Thomas Dixon and Co. (cinders)		**	384
Stormont and Mansfield Collieries	1 209		158
Twizel Colliery	1000	::	92
Twizel Colliery	99		33
Tanfield Colliery	20		32
The owners of Oxclose Colliery	1		202
W. Bell, Esq., and owners of South Moor Colliery	1.00		202
Total chaldrons	11000	1 7	245151

LONDON GAZETTE BANKRUPTS.

TUESDAY.—A Hurrell, Park-place, St. John's Wood, wine merchant—C. Moore, St. John-street, Clerkenwell, carver and glider—W. and R. Smith, Bow-lane and Aberdeen, warehousemen—C. Burrage, Newgate Market, carcass butcher—W. Fairclough, Liverpool, Reinsed victasiler—C. M. Wilkinson, Ulverston, Laucashire, wine merchant—J. Kelsall, Hanley, Staffordshire, fishmonger.

FRIDAY.—W. Burt, Lisson-grove, New-road, boarding-house-keeper—J. Argent, Golden-lane, Barbican, victualier—E. C. Flowers, Whitchurch, Buckinghamshire, cattle dealer—E. Harris and J. Hill, Newgate-street, City, tailors—S. Brice, St. John-street, tailor—R. Greenwood, Bradford, Yorkshire, bookseller—J. Collins, Sheffield, grocer—J. and D. Heyworth, Haistrick, Yorkshire, cotton warp dyers—T. Whyte, Birmingham, hardware merchant—E. L. Robinson, Moulton, Lincolashire, fellmonger—W. U. Lester, Aldermanbury, silk manufacturer—W. Blinkhorn, Little Bolton, Lancashire, manufacturing cheruest—J. Irving, Blackburn, Lancashire, innendraper—W. Fielding, Taunton, Lancashire, har plush manufacturer—A. Francts, W. Davey, and M. Francis, Begült, Flintshire, ironfounders—R. Jones, Liverpool, bootmaker.

PRICES OF MINING SHARES.

H	BRITISH MINES.	BR.T.SH MINES con mused.
16		6. 4 Shares. Company Data - 2
d	96 Bell 17	1 120 lieviskey and harrier of 9
ie.		5000 Treleigh Consols 51
ir		9600 Tamar Consols 3
M	20000 British Iron 70 104	6000 Tincroft 7 128 Trewellard 12
"	20000 British Iron 70 10 8000 Blaenavon 50 10	
		100 United Mines 1000 90
y,	5000 Con. Tretoil Mining Ass. 21	
h	128 Cosheen 20 200	6000 Wicklow Copper 5 5 512 West Fowey Consols 40 3
n,	128 Cosheen	384 Wheal Franco 20 7 128 Wheal St. Andrew 65 5
1-	3200 Cornubian Lead Co 3 64	128 Wheal St. Andrew 65 5
(-	120 CUMUIT	127 Wheal Virgin 8
i	2560 Cook's Kitchen 15 1000 Carn Brea 15 90	128 West Caradon 40 80
	1000 Callington 10 or	50 Wheal Vor
18	256 Caradon Wh. Hooper 1 74	127 Wheal Virgin
6	256 Caradon Wh. Hooper 1 72 128 Caradon Wh. Hooper 1 73 128 Caradon Consols 215 256 Caradon Copper Mine 4 128 Caradon Mines 1 80 266 Caradon United 1 12 128 Creeg Braws 96 70 700 Components 1 10 10 10 10 10 10 10	128 Wheal Rose 30 70
-	256 Caradon Copper Mine 1 4	256 West Wheal Tolgus 6
7	128 Caradon Mines 1 80	1000 Wheal Harriet
1	256 Caradon United 1 12	1000 Wheal Harriet 4 128 Wheal Penrose 10
-	128 Creeg Braws 96 70	128 Wheal Providence 16 100
:	1900 Combmartin 51 10 1000 Carn Perran 7	128 Wheal Providence 16 100 68 Wheal Clifford 500
i	1000 Carn Perran 7	
	186 Doleouth	128 West Basset 10 50
	240 Craddock Moor 1 70 186 Dolcoath 100 1000 Dhurode 2 5 10000 Durham County Coal 45 72 198 East Peol	128 West Basset 10 50 128 Wheal Acland 13 15 128 Wheal Sisters 294 50 99 Wheal Seaton 150 500
	10000 Durham County Coal . 45 . 74	126 Wheal Sisters 291 50
	128 East Pool 5 85	128 Wheal Henry 35
	94 East Wheal Crofty. 450	256 Wheal Hope
	128 East Wheal Rose 50 1500	
ı	128 East Wheal Rose 50 1500 512 Fowey Consols 120 244 Grambler & St. Anbyn 924	130 Wheal Trelawny 104 115 200 Wheal Prudence 30 26
	244 Grambler & St. Aubyn — . 921	200 Wheal Prudence 30 26
	100 Great Consols 1000 900	200 Wheal Norris 14 13
1	1000 Godolphin	256 Wheal Treven 4 5
d	10000 Hibernian 194. 1	107 Wheal Trevilson 10 12
g	10000 Hibernian 12‡ · · 1 1000 Holmbush 14 · · 38	and the case
1	128 Hallenbeagle 60	128 Wheal Robins 174 30
1	1000 Hanson 5 5	256 West Wheel Treasury 9 10
1	800 Hawkmoor 1 2	128 Wheal St. Cleer 74 16
1	160 Levant	128 Wheal Reeth 1 60
1	128 Lanarth & Penstruthal — 150 1000 Lewis 5	128 Wheal Gill 174 48
1	128 Ludcott 3 4	128 West Cargoll 15 1000 Wheal Gould 4
1	128 Ludcott 3 4 20000 Mining Co. of Ireland 7 13	256 Wheal Mary
ł	2800 Marke Valley 10 44	256 Wheal Mary 5 20 256 Wheal Concord 5 8
1	70 North Roskear 350	128 Wheal Venland 21 10
ı	200 North Holmbush 15 100 North United 29 20	128 Wheal Venland 21 10
ı	100 North United 29 20 256 North Wheal Rose 19‡ 100	5000 Alten Mining Company 141 34
1	256 North Wheal Rose 19‡ 100 15000 Northern Coal Co 23 2	15000 Asturian Mining Co 5 5
ı	128 Newquay	10000 Angio-Mexican Co100
ı	600 Old Delabole Slate Co. 25 45	2000 Bolanos 150 ST
1	128 Newquay	2000 Bolanos 150 53 12000 Ditto Scrip 15 63
L	200 Fennaliow Moor 15 224	3374 Ditto Subscription 25 4 2000 Bolanos 150 5 12000 Ditto Scrip 15 6 10000 Brazilian Imperial 21 7 10000 Cata Branca (Braz.Co.) 64
Г	10000 Rhymney Iron 50 21	10000 Cata Branca (Braz.Co.) 61
1	256 Rose Consols 10 6 800 South Towan 10 14	12000 Cobre Copper Co 40 235 8500 Colombian Co. regis 55 5000 Ditto Scrip
-	57 Spearn Moor 70	
	1000 Stray Park 43 20	10000 Copiero Mining Co
	128 South Wheal Basset 300	5000 Ditto Scrip
	128 South Caradon 5 660	5351 Mexican Company 59 2
	256 St. Austell Consols 4 11	
	256 South Wheal Rose 2 5	29320 { Rl.del Monte, regis. } 28# { 4
	128 South Yeoland 8 9 120 Trethellan 5 105	Ditto unregistered f
	120 Trethellan 5 105 128 Trewayas 60	Ditto Black ditto
	96 Tresavean 10 355	Ditto Losp Notes 156
	128 Tregardock 5 8	7000 Royal Santiago 10 117
	128 Tokenbury 80 90	Ditto Universities 19
	256 Trenow Consols 135	43174 United Mexican 281 4
=		
	DATIWAY SHADE TION A	NT STATISTICS

RAILWAY SHARE LIST, AND TRAFFIC RETURNS.

Name of Railway.	Lgth. Rway.	Present ac- tual cost.		Val. of Share.	Last Div.	Trage 1845	Returns,
Arbroath and Forfar	15	£140,782	25	15	24	£177	£187
Birmingham and Gloucester	53	1,499,825	100	124 6		2028	1650
Brandling Junction	23	471,217	.50	54	44	-	684
Bristol and Gloucester	374	501,177	30	50	34	1017	
Chester and Birkenhead	15	512,973	50	37 8	12	421	342
Dublin and Drogheda	314	500,869	60	85	1	513	ADDITE :
Dublin and Kingstown	. 6	349,736	100	2374	6	672	584
Dundee and Arbroath	17	153,416	25	- 32	5	219	189
Durham and Sunderland	19	267,769	50	30	4	661	560:
E. Counties & North. & East.	. 79	3,785,614	45	-	5	3945	3484
Edinburgh and Glasgow	46	1,649,114	50	63 5	44	1933	1786
Glasgow, Paisley, and Ayr	40	1,050,962	50	67	44	1267	1134
Glasgow, Paisley, & Greenock	23	787,844	25	124	2	713	688
Grand Junetion	- 98	2,392,134	100	285	10	7481	6914
Great North of England	45	1,262,518	100	150 2	31	1591	1234
Great Western	118	7,272,539	80	182 3	7	13945	11698
Liverpool and Manchester	31	1,666,056	100	219	10	4713	4004
London and Birmingham	113	6,393,468	100	233 6	10	14484	13662
London and Blackwall	4	1,315,640	161	74 4	-	785	59T
London and Brighton	51	2,630,451		524 34	2#	3111	2793
London and Croydon	10	761,885	134	184 19	3	871	230
London and Greenwich	4	1,038,336	124	11 1	may 1	-	660
London and South-Western	77	2,596,291	414	78 80	64	4935	4402
Manchester and Birmingham	31	1,923,699	40	55 7	5	3096	2541
Manchester & Leeds & Hull	82	3,488,783	70	132 4	10	6180	5200
Manchester, Bolton, & Bury	10	777,956	93	125 6	44	835	713
Midland	163	6,301,504	100	129 31	- 1	8754	7449
Newcastle and Carliale	61	1,085,497	100	190	4	1498	1319
Newcastle and Darlington	224	405,727	24	63 5	Frame 1	1070	-
Newcastle and North Shields	7	309,629	50	514	6	. 359	309
NorthUnion, Bolton & Preston	23	1,015,447	100	151	54	1390	806
Preston and Wyre	22	432,014	50	19 21		344	225
Sheffield and Manchester	11	690,000	824	100 3	4211	623	466
South-Eastern and Dover	88	3,464,172	87	484 9	24	4476	2253
Taff Vale	22	590,006	1001	80	2	888	619
Ulster	25	347,345	294	39	5	591	558
armouth and Norwich	201	230,228	20	28	-	201	-
fork and North Midlend	31	676,644	50	106 8	10	2055	1737
Paris and Orleans	-	2,000,000	20	441 4	4	3882	3125
aris and Rouen	-	1,995,306	20 - 4	114 24	74	4213	2769

	rice. Name of Railway. Price.
Aberdeen Railway	North Kent 3
Belfast and Ballymena	Norwich and Brandon
Bristol and Exeter 7	7 North Wales Mineral
Caledonian	Richmond and West End Junction 37
Cambridge and Lincoln	5 1 South Wales 51
Churnet Valley !	South Devon
	Scottish Central 24
Cornwall 2	Sheffield and Lincolnabire
Duffryn Llynvi and Porth Cawl 100	Shrewsbury and Grand Junction 71 1
Direct Northern to York	Shrewsbury, Wolverhampton, &c 4
Dublin and Belfast (1 1 Scarborough
Dublin and Cashel101	
Dundee and Perth 2	West Cornwall 44
Ely and Bedford 1	West Yorkshire 6
Hasgow, Dumfries, and Carlisle 1	Whitehaven and Maryport
t. Southern & Western (Ireland) 11	Yarmouth and Norwich 28
reat Grimsby and Sheffield 2	
Harwich and Eastern Counties June. 2	Central of France
Cendal and Windermore 4	Lyons and Avignon 25
Portsmouth Direct	Orleans, Tours, and Bordeaux 72
ondon and York 5	Paris and Lyons 35
ynn and Ely 4	Paris and Strasburg 21
ancaster and Carlisle 24	Rouen and Havre 26 7
Newcastle and Berwick 13	
North British 11	

The number of passengers who passed through the Tunnel in the weeks ending Jan. 16, was 19,962; amount of money, 837. 3s. 6d. (last year, 10% 9s. 3d.).

Jan. 25—Passengers, 21,137; amount of money, 88f. 1s. 5d. (last year, 112f. 4s. 10d.)

MISCELLANEOUS.						
Shares. Company, Paid. Price.	Shares. Company. Paid. Price.					
10,000 Anglo-Mexican Mint £10 17	5,000 London Cemetery 20 18 -					
10,000 Anti Dry-Rot 184 2	8,000 London Rever.Int.Soc. 20 17					
10,000 Asphalte (Claridge) 4 1	10,000 London Wood Paving. 3 31					
10,000 Assam Tea Company 20 41	15,000 Met.Pat. Wood Paving 6 64					
10,000 Austral. Agricultural., 30 30	20,000 Mexican & S. American 7 48 3					
5,709 Australian Trust Co 35 33	20,000 New Brunswick Land. 75 20					
2,200 Bitumen Bastenne 54 54	6.092 Peninsular & Oriental, 50					
10,000 Ditto Polonceau 2	10,000 Patent Elastic Pavt 1 . 14					
6,000 Brit. Amer. Land Co., 354 11	5,387 Rever. Interest Society 100 4, 1014					
4,000 Brit. Loan & Dis. Inst. 24 24	15,000 Royal Mail Steam Pkt. 60 374					
8,600 Brit. Rock & Pat. Salt 35 12	St. Kathurine Dock147					
5,000 Droitwich Patent Sait. 25 14	2,000 Shott's Iran Foundry 48 36					
2,700 Rquitable Rever. Soc., 80 84	14,000 South Australian 20 10					
20,000 General Steam Navig 14 294	7,000 Southampton Dock Co. 50 30					
5,000 Gen. Rever. Int. Soc 100 105	3,000 Ship Owners' Towing 74 15					
2,100 Hungerford Market 100 551	14,000 Thames Tunnel 50 51					
1,800 London Corn Exch 374 26	10,000 Van Dieman's Land., 20 4					
	converted into 350,000/. stock.					

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